Form 3160-3 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

5.	Lease Serial No.
	UTU-84233

BUREAU OF LAND MANA	GEMENI		010-04233	
APPLICATION FOR PERMIT TO D	RILL OR REENTER		6. If Indian, Allottee or	Tribe Name
			N/A	
1a. Type of Work: DRILL REENTE	D.	74	7. If Unit or CA Agreem	ent, Name and No.
TO THE RESIDENCE			N/A	·
u m cwn Moiwy Do wy Do			8. Lease Name and Well	No.
1b. Type of Well: ✓ Oil Well Gas Well Other	Single Zone Multi	ple Zone	Federal 7-24-9-	-17
2. Name of Operator Newfield Production Company			9. API Well No.	3047-3954
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Exp	oloratory
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		-Menument Batte	Ealet may
4. Location of Well (Report location clearly and in accordance with At surface SW/NE 1984' FNL 1881' FEL 589466	any State requirements.*) 8 21 4	Į.	11. Sec., T., R., M., or Bl	k. and Survey or Area
At proposed prod. zone 44 300 c	354 -109.9510		SW/NE Sec. 24, 7	T9S R17E
14. Distance in miles and direction from nearest town or post office*	,		12. County or Parish	13. State
Approximatley 18.5 miles southeast of Myton, Utah			Uintah	UT
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well	
(Also to nearest drig. unit line, if any) Approx. 1881' f/lse, NA' f/unit	680.00		40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1225'	19. Proposed Depth 5610'		BIA Bond No. on file JTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	
'5185' GL	3rd Quarter 2007		Approximately seven (7) days from	spud to rig release.
	24. Attachments			
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall be at	tached to this	form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). 5. Operator certific	ation. specific info	ormation and/or plans as m	· ·
5. Signature	Name (Printed/Typed)		Da	te
11 vandre logis	Mandie Crozier		4 .	4/19/07
Regulatory Specialist				
proved by Signature		HILL	Da	1te - 30-12
itle	ENVIRONMENTAL M	MNAGEH	<u> </u>	- 300

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

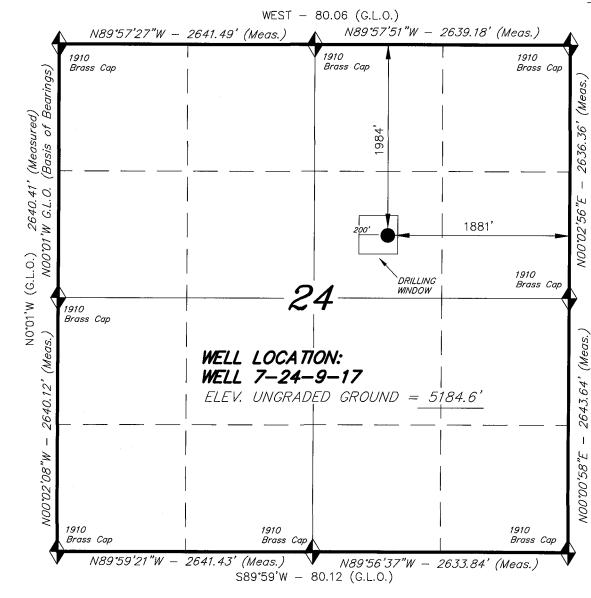
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this Action is Necessary APR 2 \$ 2007

DV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.



🔷 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW) WELL 7-24-9-17 (Surface Location) NAD 83 LATITUDE = 40° 01' 05.60" LONGITUDE = 109° 57' 08.28"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELL 7-24-9-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 24, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



(G.L.0.)

THIS IS TO CERTIFY THAT OFFICE ABOVE PER WAS PREPARED FROM FIELD NOTES OF ACTUME SURVEYS MADE BY ME OR UNDER AND CORRECT TO THE BEST O MY KNOWLEDGE AND FILEP. No.189377

REGISTER D LAND SURVEYOR REGISTRATION OF STATE O

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 01-04-07_	SURVEYED BY: C.M.
DATE DRAWN: 01-08-07	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #7-24-9-17 SW/NE SECTION 24, T9S, R17E UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' – 1060' Green River 1060' Wasatch 5610'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 1060' - 5610' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #7-24-9-17 SW/NE SECTION 24, T9S, R17E UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-24-9-17 located in the SW 1/4 NE 1/4 Section 24, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 15.3 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly and then southerly - 1.4 miles \pm to it's junction with the beginning of the proposed access road; proceed easterly along the proposed access road - 1,020' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

 SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-82, 1/12/04. Paleontological Resource Survey prepared by, Wade E. Miller, 7/28/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests a 1,020' of disturbed area be granted in Lease UTU-84233 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 560' ROW in Lease UTU-39713 and 3,280' of disturbed area be granted in Lease UTU-84233 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map** "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 730' ROW in Lease UTU-39713 and 3,280' of disturbed area be granted in Lease UTU-84233 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map** "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Surface Flow Line

For all new wells, Newfield Exploration requests that a 30' Right of way be granted to allow for construction of up to a 14" bundled pipe. Refer to Topographic Map "D" for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

<u>Clearing and Grading:</u> the proposed flow line will be placed on the surface of the ground. As such no grading or clearing will be needed. The flow line will be centered staked every 200 feet prior to the installation. The flow line will be as close to the access road as possible without interfering with the normal road travel, or road maintenance

Installation for portions along existing roads, lengths of pipe will be laid in the barrow ditch, welded together and moved into place. For lines that go cross-country minimal access will be needed only for maintenance purpose. It is in the best interest of Newfield Exploration to avoid wet and saturated ground that would cause ruts greater than 3 inches in depth. Disturbed areas will be reclaimed with in 120 days of the end of the installation.

Termination and final restoration: A notice of abandonment will be filed with the BLM for final recommendations regarding surface reclamation. After abandonment the flow line will be removed, and any surface disturbance will be reclaimed according to the standards and specifics set by the BLM.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale

Atriplex Confertifolia

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #7-24-9-17 was on-sited on 3/29/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

13. <u>LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION</u>

Representative

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-24-9-17 SW/NE Section 24, Township 9S, Range 17E: Lease UTU-84233 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

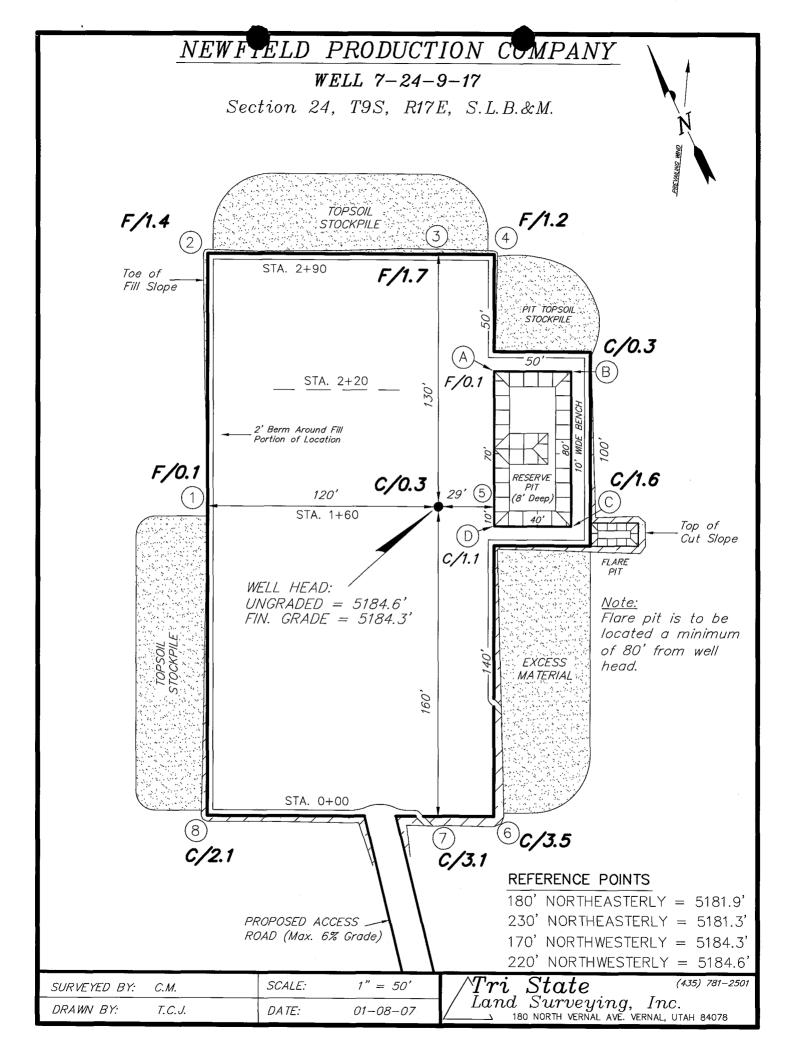
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

 4/19/07	
Date	

Mandie Crozier

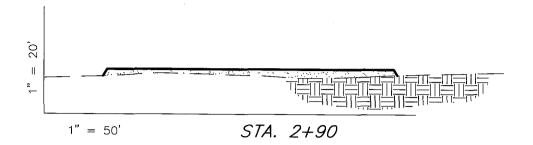
Regulatory Specialist

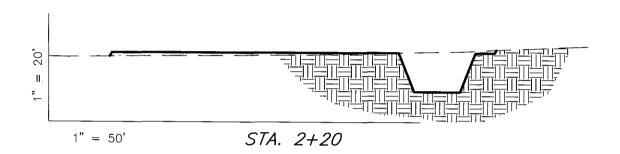
Newfield Production Company

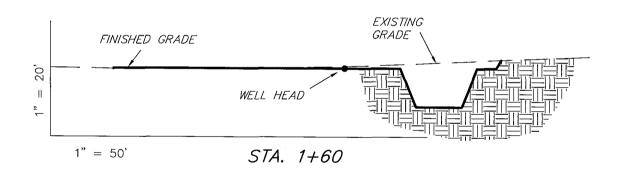


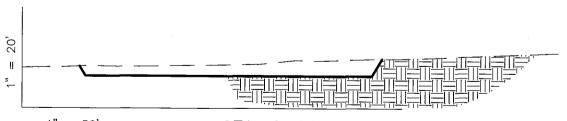
NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS WELL 7-24-9-17









1" = 50'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

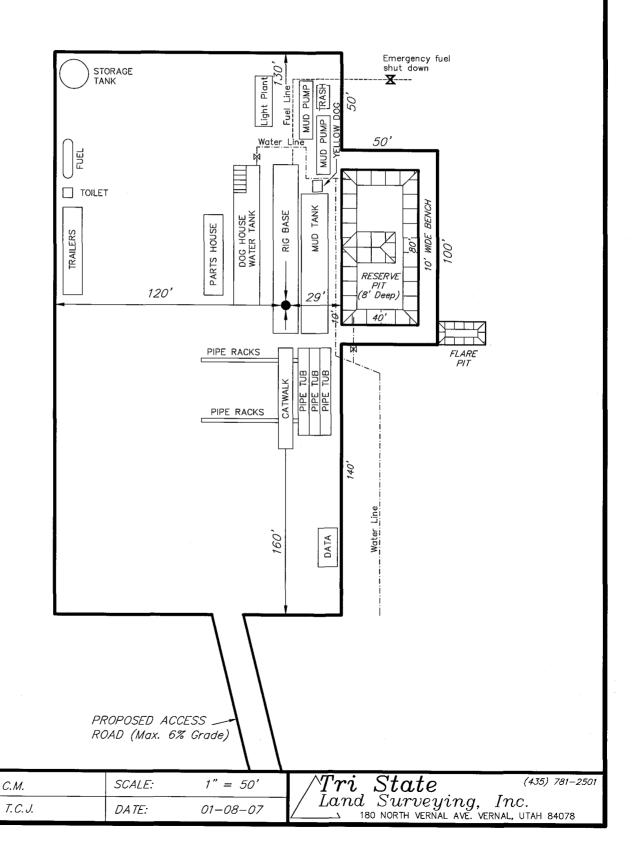
6" TOPSOIL ITEM CUT FILL **EXCESS** PAD 870 870 Topsoil is 0 not included in Pad Cut PIT 640 0 640 TOTALS 1,510 870 940 640

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	C.M.	SCALE:	1" = 50'
DRAWN BY:	T. C. J.	DATE:	01-08-07

 $\begin{picture}(20,0) \put(0,0){\line(1,0){70}} \put(0,0$

NEW FIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT WELL 7-24-9-17



SURVEYED BY:

DRAWN BY:

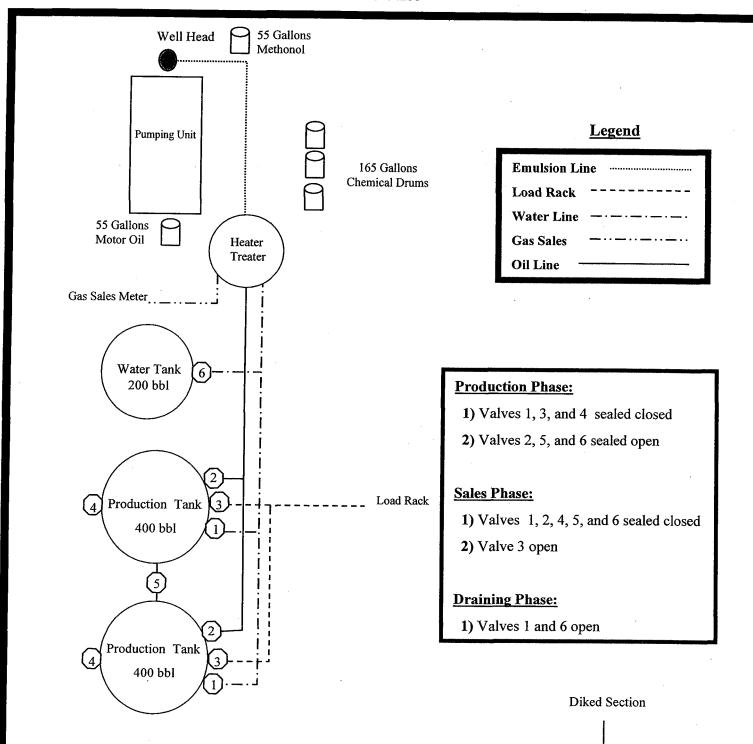
Newfield Production Company Proposed Site Facility Diagram

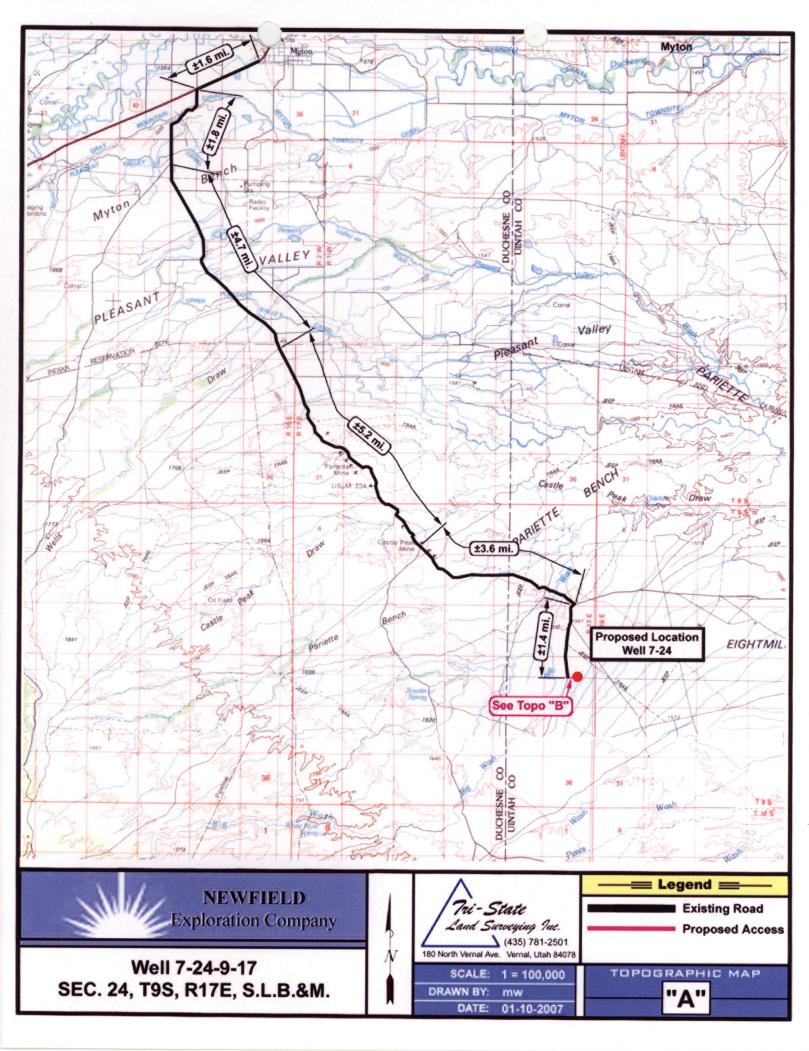
Federal 7-24-9-17

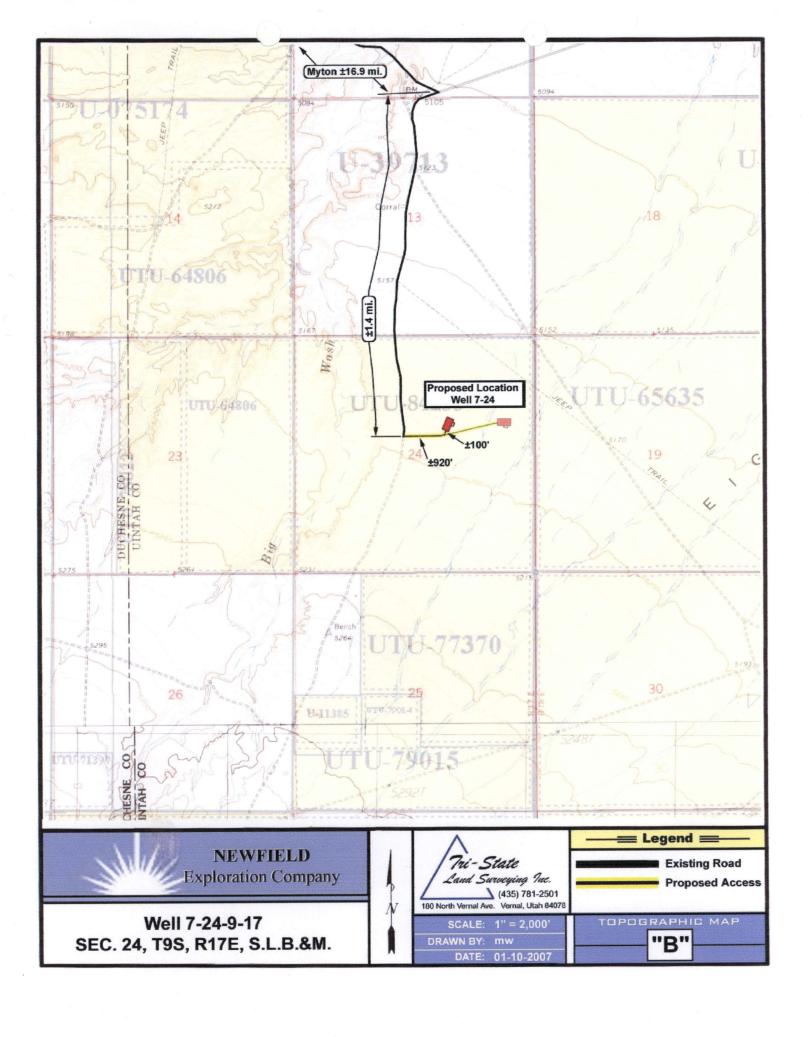
SW/NE Sec. 24, T9S, R17E

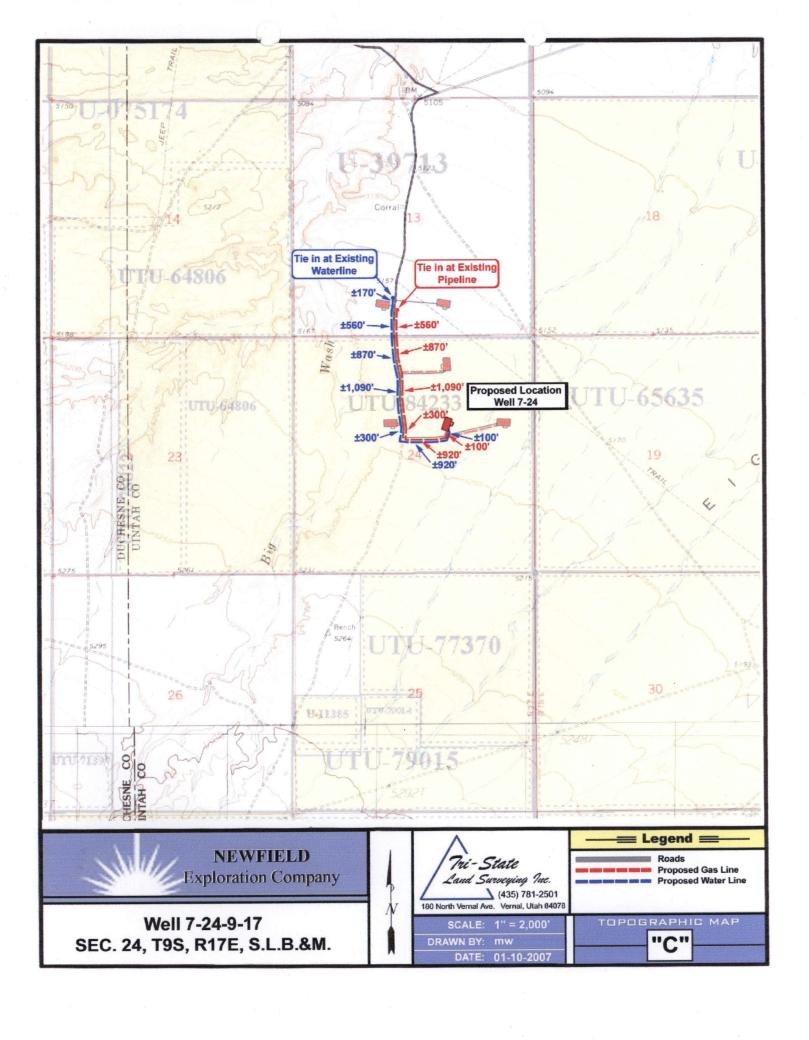
Uintah County, Utah

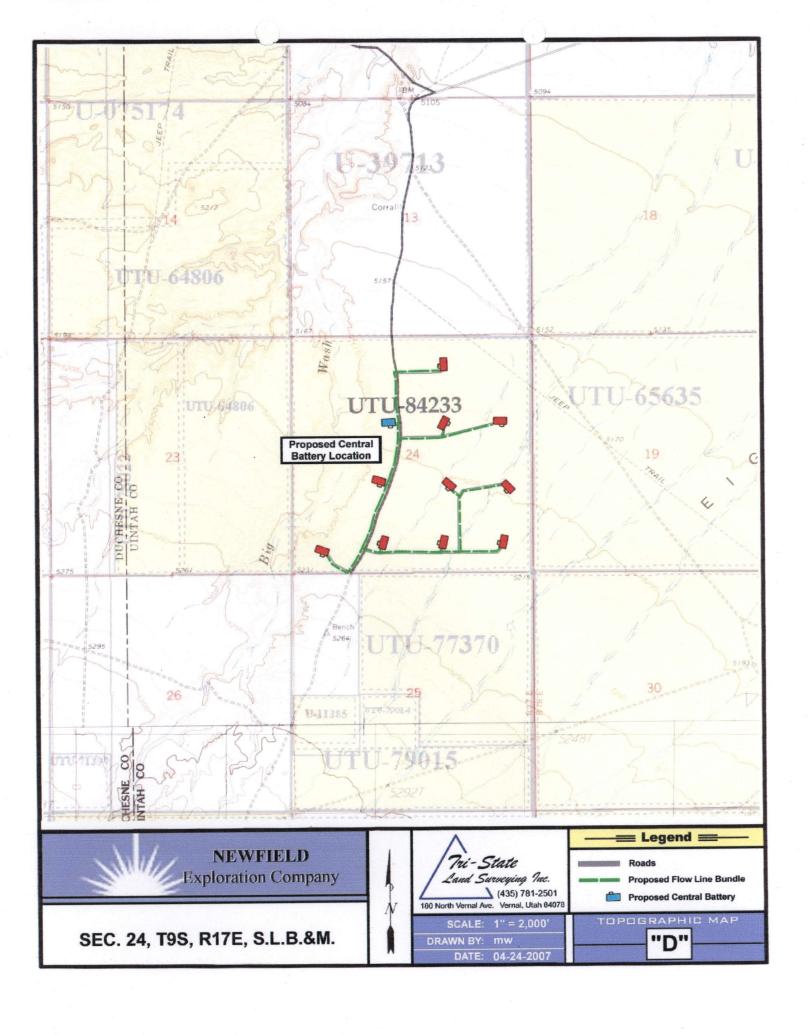
UTU-84233

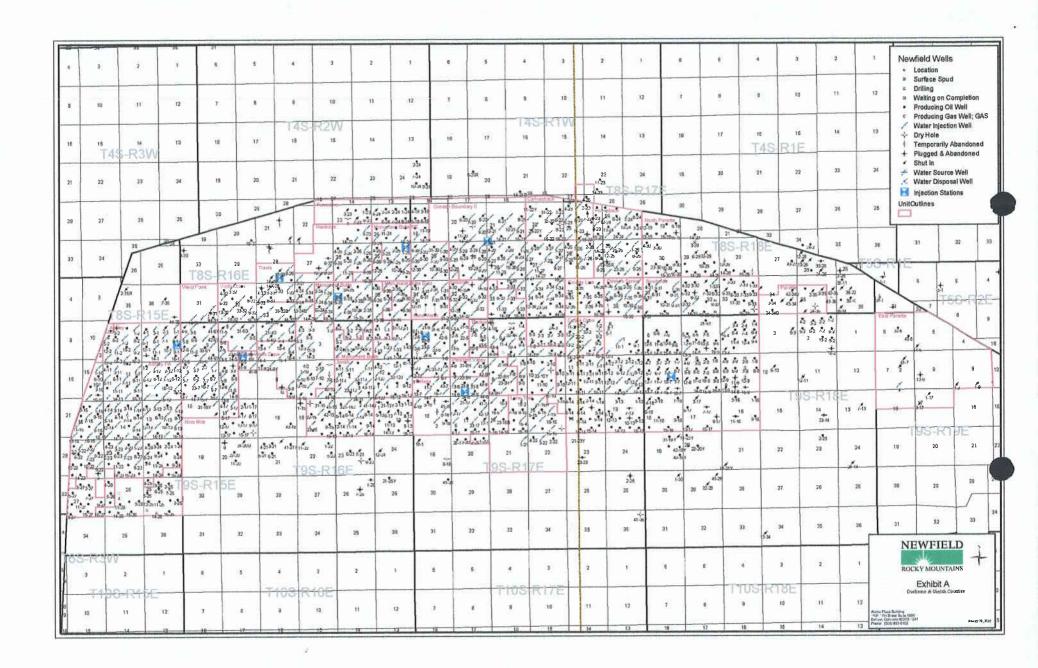


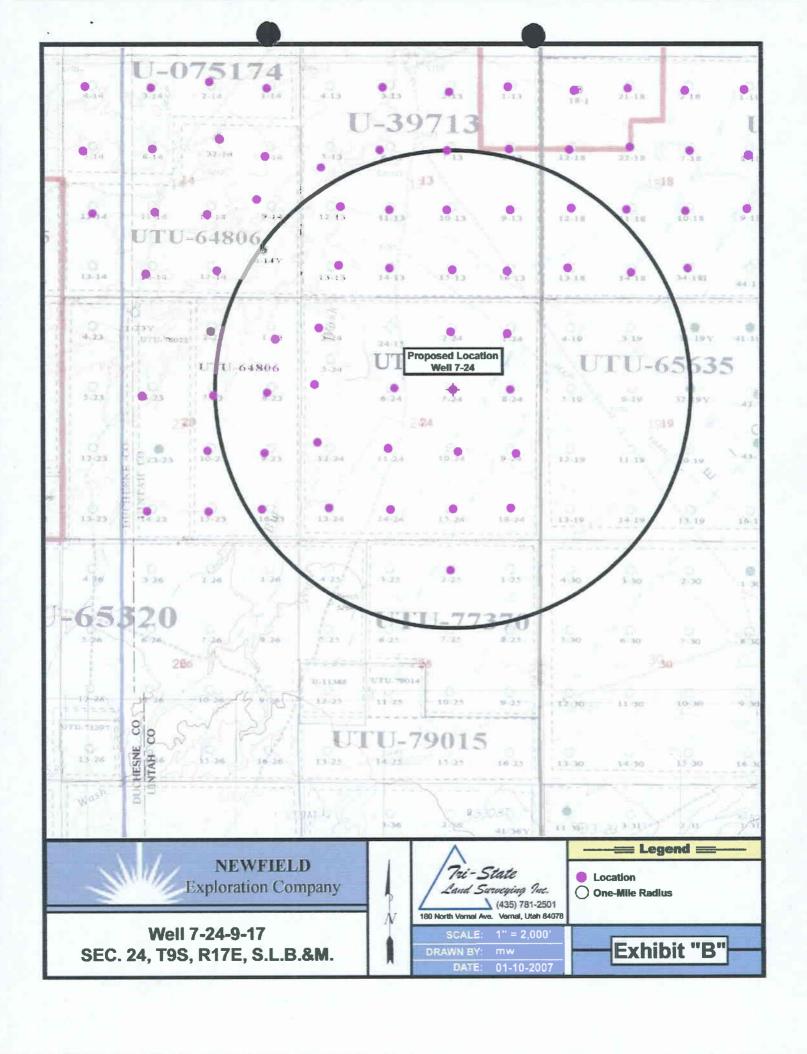












2-M SYSTEM

Blowout Prevention Equipment Systems

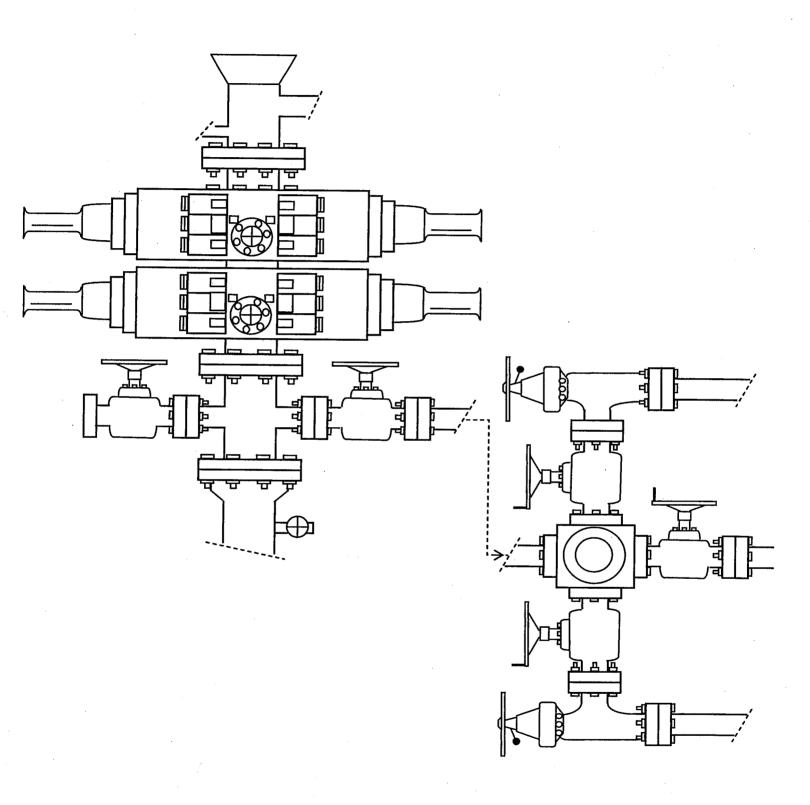


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF INLAND PRODUCTIONS' PARCEL IN T 9 S, R17 E, SEC. 13, 14, 15, 23, & 24 AND T 9 S, R 18 E, SEC. 18 & 19, DUCHESNE AND UINTAH COUNTIES, UTAH

BY:

Katie Simon and Keith R. Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Inland Production 2507 Flintridge Place Fort Collins, CO 80521

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 03-82

January 12, 2004

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-03-MQ-0750b

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE AND UINTAH COUNTIES, UTAH

(Section 35, T 8 S, R 17 E; Sections 13, 14, 23, 24, T 9 S, R 17 E; NE 1/4, NE 1/4, Section 15, T 9 S, R 17 E; Sections 18, 19, T 9 S, R 18 E; Sections 2, 3, 10 and western half of Section 11, T 9 S, R 15 E)

REPORT OF SURVEY

13

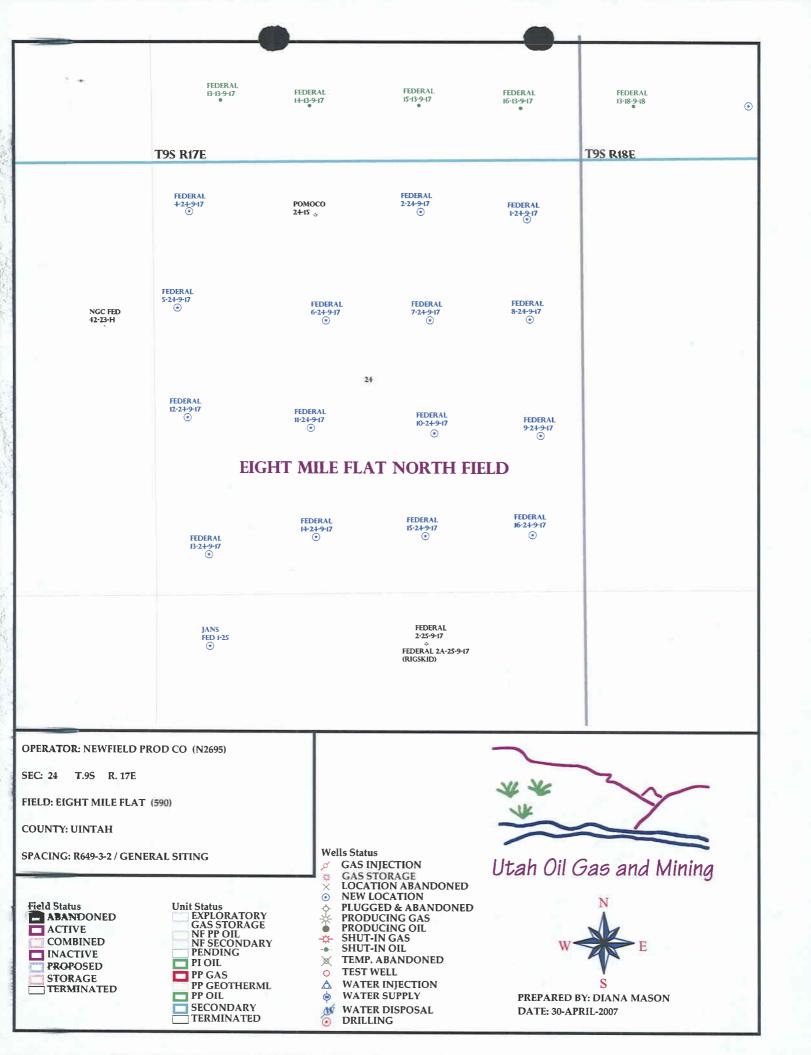
Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist July 28, 2003

APD RECEIVED: 04/27/2007	AF	I NO. ASSIG	NED: 43-047	-39261		
WELL:NAME: FEDERAL 7-24-9-17 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	TOR: NEWFIELD PRODUCTION (N2695) PHONE NUMBER: 435-646-3721					
PROPOSED LOCATION:	INS	PECT LOCATN	BY: /	/		
SWNE 24 090S 170E SURFACE: 1984 FNL 1881 FEL	Tec	h Review	Initials	Date		
BOTTOM: 1984 FNL 1881 FEL	Eng	ineering				
COUNTY: UINTAH	Geo	logy				
LATITUDE: 40.01821 LONGITUDE: -109.9516 UTM SURF EASTINGS: 589469 NORTHINGS: 44300	95 Sur	face				
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-84233 SURFACE OWNER: 1 - Federal RECEIVED AND/OR REVIEWED:		POSED FORMATE		J		
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	R649- Unit: R649- Sitin R649- Drill Boar Eff Siti	2-3. 3-2. Gener g: 460 From Q: 3-3. Excep ing Unit d Cause No: Date: ng:	tr/Qtr & 920' B			
STIPULATIONS: 1- Geden 2' Specific	Capping Shir					





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 30, 2007

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: Federal 7-24-9-17 Well, 1984' FNL, 1881' FEL, SW NE, Sec. 24, T. 9 South, R. 17 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39261.

Sincerely,

Gil Hunt

Associate Director

Til That

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office

Operator:	Newfield Produc	ction Company	
Well Name & Number	Federal 7-24-9-1	7	
API Number:	43-047-39261		
Lease:	UTU-84233		
Location: <u>SW NE</u>	Sec. 24	T. <u>9 South</u>	R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FORM 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires:	March 31, 1993	

DOMESTIC OF			s. March 31, 1993
SUNDRY NOTICES AN	D REPORTS ON WELLS	5. Lease Desig	gnation and Serial No.
Do not use this form for proposals to drill or to dee			llottee or Tribe Name
	OR PERMIT -" for such proposals	NA NA	notice of Tribe Name
SUBMITIA	LTDIDLICATE		CA, Agreement Designation
1. Type of Well	I TRIPLICATE	N/A	
X Oil Gas		8. Well Name	and No.
Well Well Other		FEDERA 9. API Well N	AL 7-24-9-17
2. Name of Operator		43-047-	=-
NEWFIELD PRODUCTION COMPANY			ool, or Exploratory Area
3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-6	546-3721	MONU 11. County or F	MENT BUTTE
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)	7.00 5/21	11. County of 1	alish, State
1984 FNL 1881 FEL SW/NE Section	on 24, T9S R17E	UINTA	H COUNTY, UT.
12. CHECK APPROPRIATE BOX(s	TO INDICATE NATURE OF NOTICE, REPO	DRT. OR OTHER	 DΔΤΔ
TYPE OF SUBMISSION		F ACTION	
X Notice of Intent		Character	CD1
X Notice of Intent	Abandonment Recompletion	`	ge of Plans Construction
Subsequent Report	Plugging Back	Non-F	Routine Fracturing
First About annual Vision	Casing Repair	- 	Shut-Off
Final Abandonment Notice	Altering Casing X Other Permit Extension		ersion to Injection se Water
			ults of multiple completion on Well
Newfield Production Company reque approval date was 4/30/07. This APD is not yet due to expire with RECEIVED APR 69 2008 DIV. OF OIL, GAS & MININ	h the BLM. Approved by Utah Divisio Oil, Gas and N	y the on of	COPY SENT TO OPERATOR
			Initials: KS
14. I hereby certify that the foregoing is true and correct Signed Mandie Crozier	Title Regulatory Specialist	Date	4/7/2008
CC: UTAH DOGM		<u></u>	
(This space for Federal or State office use)	T:+1a	Date	
Approved by	Title	Date	
CC: Utah DOGM			



Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

, , , , , , , , , , , , , , , , , , , ,	7-39261				
	deral 7-24-9-17				
	NE Section 24,T9S R				
Date Original Pern		ield Production Compan	y		
Date Original Fern	iiit issueu. 4/50//	2007			
above, hereby verifi	ies that the inforr	Il rights to drill on the nation as submitted s valid and does not			
Following is a checl verified.	klist of some item	ns related to the app	lication, which should be		
If located on private agreement been up		<u> </u>	so, has the surface		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes⊡ No ☑					
		reements put in plac sed well? Yes⊟NoI	e that could affect the ☑		
		e access route includes sed location? Yes⊏	ling ownership, or right- INo ☑		
Has the approved s	ource of water fo	or drilling changed?	Yes□No☑		
Have there been an which will require a evaluation? Yes□N	change in plans		cation or access route ussed at the onsite		
Is bonding still in pla	ace, which cover	s this proposed well	? Yes ☑No □		
Whandie!	louis		4/7/2008		
Signature	0		Date		
Title: Regulatory Spec	cialist				
Representing: New	field Production Cor	npany			

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany:	NEWFIELD PRODUCTION COMPANY				
Well Name:		FEDERAL 7-2	4-9-17			
Api No:	43-047-3926	1		_Lease Type:	: FEDERAL	<u> </u>
Section 24	Township_	09S Range_	17E	_Countyl	UINTAH	
Drilling Cor	ntractor	ROSS DRILL	ING	RIG	#24	
SPUDDE	D:					
	Date	06/02/08				
	Time	4:30 PM				
	How	DRY				
Drilling wi	II Commenc	e:				
Reported by		JIM SMIT	TH			
Telephone #		(435) 823-2	072			
Date	06/02//08	Signed	CHD			

OPERATOR ACCT. NO.

N2695

OPERATOR: NEWFIELD PRODUCTION COMPANY MYTON, UT 84062

ACTION	CURRENT ENTITY (ND.	MEW ENTITY NO.	API NUMBER	WELL NAME	- 120	BC.	IAETT	CATION	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16911	4304739262	FEDERAL 8-24-9-17	SENE	24	95	17E	UINTAH	5/29/2008	6/19/08
WELL 1 CO	AMENTS: GRR						٠		•••		
	_										
ACTION	CURRENT ENTITY NO.	HEW ENTITY NO.	API NUMBER	WELL NAME	90		U. LOCAT			SPUD	EFFECTIVE
A	99999	169/2	4304739261	FEDERAL 7-24-9-17	SWNE	sc 24	9 \$	17E	UINTAH	6/2/2008	6/19/08
	GRRI										10/ 1/00
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	- 00	5C	WELL	OCAMON	COUNTY	SPUD DATE	EFFECTIVE
В	99999	12299	4304739969	CANVASBACK FEDERAL H-23-8-17	SENW	23	88	17E	UINTAH DUCHESNE	6/3/2008	10/19/08
ACTION	GREW	NEW	APINIMBER	BHL = SENW	·· ·				-		
CODE	ENTITY NO.	ENTITY NO.	AHBUMBEK	ALETT SCAME	QQ	SC.	TP.	RG	COUNTY	SPUD DATE	EFFECTIVE. DATE
A	99999	16913	4301333890	UTE TRIBAL 14-22-4-2	SESW	22	45	2W	DUCHES NO UNITAH	6/3/2008	6/19/08
	GRRU	•									
ACTION	CURRENT ENTITY NO.	WEW CON YTITALS	API NUMBER	WELL NAME	90	SC	WELL	OCATION	COUNTY	SPUO DATE	EFFECTIVE DATE
В	99999	13269	4301333763	SOUTH WELLS DRAW	NWSE		98		DUCHESNE	6/4/2008	6/19/08
WELL S CO	GCPU			BH : NWSE	-1	<u>. </u>	L				
ACTION	CURRENT	NEW	API KUMBER	WEIT WAYE				DCATION		\$PUD	BLECTIVE
CODE	ENTITY NO.	ENTITY NO.			0.5	_ S ¢	TP	RG	COUNTY	DATE	DAT€
WELL 5 CC)MMENTS	1			1	L	<u> </u>	<u> </u>			
	NNEC 400 a levicestore se ba										

- A 1 mm entity for new well (single well only)
- B + weit to existing swifty (group or unit well)
- C from one existing eatily to another existing entity
- O well from any existing entity to a new entity
- E Ever (explain in comments section)

Production Clerk

Tammi Lee

06/05/08 Date

NOTE: Use COMMENT section to explain why each Action Cerls was selected.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

5. LEASE DESIGNATION AND SE	RIAL	NUMBER:
USA UTU-84233		

	DIVISION OF OIL, GAS AND	D MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-84233
SUNDRY	Y NOTICES AND REPO	ORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dri	ill new wells, significantly deepen existing wells be al laterals. Use APPLICATION FOR PERMIT TO	low current bottom-hole depth, reenter plugged	7. UNIT or CA AGREEMENT NAME:
1 TYPE OF WELL:		Stable form for buen proposition.	8. WELL NAME and NUMBER:
OIL WELL	x GAS WELL ☐ OTHER	The state of the s	FEDERAL 7-24-9-17
2. NAME OF OPERATOR:	m a viv		9. API NUMBER:
NEWFIELD PRODUCTION COM 3. ADDRESS OF OPERATOR:	IPANY	PHONE NUMBER	4304739261 10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052 435.646.3721	MONUMENT BUTTE
4. LOCATION OF WELL:			
FOOTAGES AT SURFACE: 1984 FNL	1881 FEL		COUNTY:
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: SWNE, 24, T9S, R17E		STATE: UT
II. CHECK APPROI	PRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF NAMES OF	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Weekly Status Report
07/15/2008	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12 DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show a	Il partinent details including dates, depths	volumes, etc.
	s completed on 07/03/08, attached is		volunes, etc.
The above subject well was	s completed on 07/05/06, attached is	s a daily completion status report.	
		A Company of the Comp	
A			
NAME (PLEASE PRINT) Jentri Park		TITLE Production Clerk	
11111			
SIGNATURE ////		DATE 07/15/2008	
(This space for State use only)			

RECEIVED JUL 28 2008

Daily Activity Report

Format For Sundry FEDERAL 7-24-9-17 4/1/2008 To 8/30/2008

6/19/2008 Day: 1

Completion

Rigless on 6/18/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5503' & cement top @ 1170'. Perforate stage #1. CP5 sds @ 5436-42' & 5470-76' W/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. 132 BWTR. SIFN.

6/26/2008 Day: 2

Completion

Rigless on 6/25/2008 - Stage #1, CP5 sands. RU BJ Services. 35 psi on well. Frac CP5 sds w/ 24,262#'s of 20/40 sand in 344 bbls of Lightning 17 fluid. Broke @ 1455 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1693 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1999 psi. Leave pressure on well. 476 BWTR Stage #2, CP2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 5290'. Perforate CP2 sds @ 5180-88' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1382 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ. 1230 psi on well. Frac CP2 sds w/ 24,840#'s of 20/40 sand in 341 bbls of Lightning 17 fluid. Broke @ 2584 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1723 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1421 psi. Leave pressure on well. 817 BWTR. Stage #3, CP.5 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 5150'. Perforate CP.5 sds @ 5096-5104' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1160 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. 1083 psi on well. Frac CP.5 sds w/ 24,679#'s of 20/40 sand in 346 bbls of Lightning 17 fluid. Broke @ 3972 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1595 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1636 psi. Leave pressure on well. 1163 BWTR. Stage #4, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4920'. Perforate LODC sds @ 4804-4818' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1242 psi on well. Frac LODC sds w/ 54,003#'s of 20/40 sand in 473 bbls of Lightning 17 fluid. Broke @ 4162 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2025 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2185 psi. Leave pressure on well. 1636 BWTR. Stage #5, A1 & A3 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' & 10' perf gun. Set plug @ 4780'. Perforate A3 sds @ 4724-4732', A3 sds @ 4706-4716' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 1788 psi on well. Frac A1 & A3 sds w/ 79,700#'s of 20/40 sand in 603 bbls of Lightning 17 fluid. Broke @ 2604 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1730 psi @ ave rate of 23.1

BPM. ISIP 1964 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 hrs & died. Rec 360 BTF. SIWFN w/ 1879 BWTR.

6/27/2008 Day: 3

Completion

Leed #731 on 6/26/2008 - MIRU Leed rig 731. 60 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" chomp bit, bit sub & 70 jts of 2 7/8" J-55 tbg. EOT @ 2205'. SIWFN w/ 1870 BWTR.

7/1/2008 Day: 4

Completion

Leed #731 on 6/30/2008 - 40 psi on well. Bleed off pressure. Continue talley, PU & RIH w/ 2 7/8" J-55 tbg. Tagged sand @ 4760'. RU Nabors power swivel. Circulate sand & drill out plugs as follows: Sand @ 4760', Plug @ 4780' (Drilled out in 35 mins), Sand @ 4895', Plug @ 4920' (Drilled up in 45 mins), Sand @ 5130'. Circulate well clean. EOT @ 5136' SIWFN w/ 1847 BWTR.

7/2/2008 Day: 5

Completion

Leed #731 on 7/1/2008 - 300 psi on well. Bleed off pressure. Continue circulate sand & drill out plugs as follows: Sand @ 5136', Plug @ 5150' (Drilled out in 35 mins), Sand @ 5269', Plug @ 5290' (Drilled up in 28 mins). Tagged fill @ 5545'. C/O to PBTD @ 5548'. LD 3-jts of tbg. EOT @ 5467' RU swab equipment. IFL @ sfc. Made 15 runs, Rec 165 BTF. FFL @ 1200'. Trace of oil, No sand. TIH w/ tbg. Tagged fill @ 5539'. C/O to PBTD @ 5548'. LD 4 jts tbg. SIWFN w/ 1802 BWTR.

7/3/2008 Day: 6

Completion

Leed #731 on 7/2/2008 - 150 psi on tbg, 200 psi on csg. Bleed off pressure. TOH w/tbg. LD bit & bit sub. TIH w/ production tbg as follows: BP, 3- jts of tbg, 2 7/8" nipple, PBGA, 1- jt, SN, 2- jts, TA, 170 jts of 2 7/8" tbg. ND BOP. Set TA w/16,000#'s of tenstion @ 5234'. NU WH. Flush tbg w/ 60 bbls of wtr. PU & RIH w/rods as follows: CDI rod pump, 6- 1 1/2" wt bars, 20- 3/4" guided rods, 84- 3/4" plain rods, 10- 3/4" guided rods. SIWFN w/ 1823 BWTR.

7/4/2008 Day: 7

Completion

Leed #731 on 7/3/2008 - 0 psi on tbg, 40 psi on csg. Bleed off pressure. Continue to PU & RIH w/ rods. Total rod detail as follows: CDI 2 1/2" X 1 1/2" X 18', 6- 1 1/2" wt bars, 20- 3/4" guided rods, 87- 3/4" plain rods, 100- 3/4" guided rods, 1-2', 1-4', 1-6' x 3/4" pony rods, 1 1/2" X 26' Polish rod. Hang head, Space out rods. Fill tbg w/ 1 BW. Pressure test to 800 psi. RDMOSU. POP 7-3-2008 @ 2:00 PM w/ 86" SL @ 5 SPM. 1824 BWTR. FINAL REPORT!!!!

Pertinent Files: Go to File List

FORM 3160-4

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED (See other instructions ons

reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-84233

WELL	COMPL	ETION	OR R	ECOM	IPLETION	REPORT A	ND LOG*	6. IF INDIAN	_	OR TRIBE NAME
1a. TYPE OF WORK								7. UNIT AGI	REEMENT NA	
		OIL WELL	Х	GAS WELL	DRY	Other			Fed	deral
1b. TYPE OF WELL										
NIEW	WORK	٦ ،		PLUG	DIEE			8. FARM OR	R LEASE NAM	E, WELL NO.
WELL X	OVER	DEEPEN		BACK	DIFF RESVR.	Other			Federal	7-24-9-17
2. NAME OF OPERATOR			<i>c.</i>					9. WELL NO		
3. ADDRESS AND TELEP	HONE NO	Ne	wtield l	=xplorat	ion Compan	У		10 FIELD A	43-04	7-39261
3. ADDRESS AND TEED		1401 17th	St. Su	ite 1000	Denver, Co	O 80202		IO. FIELD AI		ent Butte
4. LOCATION OF WEI		ations clearly a	nd in accor	rdance with	any State requireme	ents.*)				OCK AND SURVEY
At Surface		1984	'FNL &	1881' FEL	(SW/NE) Sec	. 24, T9S, R17E		OR AREA		TOC D475
At top prod. Interval rep	ported below							<u> </u>	Sec. 24,	T9S, R17E
At total depth				14. API NO.		DATE ISSUED	•	12. COUNTY	OR PARISH	13. STATE
				1	-047-39261		4/30/08		intah	UT
15. DATE SPUDDED	16. DATE T.D.		17. DA		(Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ET	C.)*	0	19. ELEV. CASINGHEAD
06-02-08 20. TOTAL DEPTH, MD &		-08-08 21. PLUG BAC	K T D MD		/03/08 22. IF MULTIF		5'GL 23. intervals	5197'K	Ь	CABLE TOOLS
	. 1 1 1	ZI. I LOG BAC	IC 1.D., 1410	W 1115	HOW MAN		DRILLED BY	ROTALLY TOOLS		CABLE TOOLS
5600'		J	5548'				>	X		-·
24. PRODUCING INTERV	AL(S), OF THIS	COMPLETION-	тор, вотт		·					25. WAS DIRECTIONAL SURVEY MADE
				Green l	River 4706	5'-5476'				No
26. TYPE ELECTRIC AND	OTHER LOGS	RUN								27. WAS WELL CORED
Dual Induction	Guard, S	P, Compe	nsated	I Density	y, Compensa	ated Neutron, (GR, Caliper,	Cement Bond	Log	No
23.		T				port all strings set in				
CASING SIZE/C 8-5/8" - J	FRADE -55	WEIGHT,			TH SET (MD) 331'	HOLE SIZE 12-1/4"		MENT, CEMENTING RE		AMOUNT PULLED
5-1/2" - J		15.		J.	5590'	7-7/8"		ite II and 400 sx 5		
29.	TOD		ER RECO		GACKE CEMENT	* COPERN (MD)	30.	TUBING RI		DACKED SET (AC)
29. SIZE	TOP	LIN (MD)		RD DM (MD)	SACKS CEMENT	* SCREEN (MD)	30. SIZE 2-7/8"	DEPTH SET (N	MD)	PACKER SET (MD)
	ТОР				SACKS CEMENT	* SCREEN (MD)	SIZE		MD)	PACKER SET (MD) TA @ 5234'
SIZE 31. PERFORATION REC	ORD (Interval, s	(MD)	ВОТТО	OM (MD)		32.	SIZE 2-7/8" ACID, SHOT,	DEPTH SET (N EOT @ 5430' FRACTURE, CEME	MD)) ENT SQUEE	TA @ 5234' ze, etc.
SIZE 31. PERFORATION REC <u>INT</u>	ORD (Interval, s	(MD) size and number	BOTTO	DM (MD) ZE	SPF/NUMBE	32. R DEPTH INT	SIZE 2-7/8" ACID, SHOT, ERVAL (MD)	DEPTH SET (N EOT @ 5430' FRACTURE, CEME AMOUNT AN	MD) ENT SQUEE ND KIND OF	TA @ 5234' ze, etc. material used
SIZE 31. PERFORATION REC <u>INT</u>	ORD (Interval, s ERVAL P5) 5436'-42	(MD) size and number:	BOTTO SI .4	ZE 19"	SPF/NUMBE 4/48	32. R DEPTH INT. 5436'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476'	DEPTH SET (NEW YORK) FRACTURE, CEMBE AMOUNT AT Frac w/ 24,262	MD) ENT SQUEE ND KIND OF 1 # 20/40 sa	TA @ 5234' EZE, ETC. MATERIAL USED and in 344 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u>	ORD (Interval, s ERVAL P5) 5436'-42 (CP2	(MD) size and number	SI .4	ZE -9"	SPF/NUMBE 4/48 4/32	32. R DEPTH INT: 5436'- 5180'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188'	DEPTH SET (N EOT @ 5430' FRACTURE, CEMP AMOUNT AT Frac w/ 24,262 Frac w/ 24,840	MD) ENT SQUEE ND KIND OF 1 # 20/40 sa # 20/40 sa	TA @ 5234' ze, etc. material used
SIZE 31. PERFORATION REC <u>INT</u>	ORD (Interval, s ERVAL P5) 5436'-42 (CP2 (CP.5) §	(MD) size and number 2', 5470'-76' 2) 5180'-88'	SI .4	ZE 19"	SPF/NUMBE 4/48	32. R DEPTH INT: 5436'- 5180'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104'	DEPTH SET (N EOT @ 5430* FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679	MD) ENT SQUEE ND KIND OF 1 # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u> (CF	ORD (Interval, s ERVAL P5) 5436'-42 (CP2 (CP.5) §	(MD) size and number: 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818'	SI .4 .4 .4 .4 .4	ZE 19" 19"	SPF/NUMBE 4/48 4/32 4/32	32.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104'	DEPTH SET (N EOT @ 5430* FRACTURE, CEMB AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) ENT SQUEE ND KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u> (CF	ORD (Interval, s TERVAL P5) 5436'-42 (CP2 (CP.5) ((MD) size and number: 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818'	SI .4 .4 .4 .4 .4	ZE 9" 9" 9"	SPF/NUMBE 4/48 4/32 4/32 4/56	32.	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEMB AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) ENT SQUEE ND KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid and in 473 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u> (CF	ORD (Interval, s TERVAL P5) 5436'-42 (CP2 (CP.5) ((MD) size and number: 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818'	SI .4 .4 .4 .4 .4	ZE 9" 9" 9"	SPF/NUMBE 4/48 4/32 4/32 4/56	32.	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEMB AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) ENT SQUEE ND KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid and in 473 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u> (CF	ORD (Interval, s TERVAL P5) 5436'-42 (CP2 (CP.5) ((MD) size and number: 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818'	SI .4 .4 .4 .4 .4	ZE 9" 9" 9"	SPF/NUMBE 4/48 4/32 4/32 4/56	32.	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEMB AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) ENT SQUEE ND KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid and in 473 bbls fluid
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4	ORD (Interval, s TERVAL P5) 5436'-42 (CP2 (CP.5) ((MD) size and number: 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818'	SI .4 .4 .4 .4 .4	ZE 9" 9" 9"	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72	R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'-	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEMB AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) ENT SQUEE ND KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid and in 473 bbls fluid
SIZE 31. PERFORATION REC <u>INT</u> (CF	ORD (Interval, 4) ERVAL P5) 5436'-42 (CP2 (CP.5) (CP.5) (LODC) 4 724'-4732', 4	(MD) 5:ze and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716'	SI .4 .4 .4 .4 .4	ZE 19" 19" 19" 19"	SPF/NUMBE	32. R DEPTH INT. 5436'- 5180'- 4804'- 4706'- UCTION d type of pump)	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) PENT SQUEE ND KIND OF # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 341 bbls fluid and in 346 bbls fluid and in 473 bbls fluid
SIZE 31. PERFORATION REC INT (CF (A3 &1) 47 33.* DATE FIRST PRODUCTIC 07-12-0	ORD (Interval, 4) ERVAL P5) 5436'-42 (CP2 (CP.5) (CP.5) (LODC) 4 724'-4732', 4	(MD) size and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716'	SI .4 .4 .4 .4 .4 .4	ZE -9" -9" -9" -9" -9"	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODU s lift, pumpingsize an 2-1/2" x 1	32. R DEPTH INT. 5436'- 5180'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,679 Frac w/ 54,003 Frac w/ 79,700	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa WELL ST. PI	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid ATUS (Producing or shut-in)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 47 33.* DATE FIRST PRODUCTIC 07-12-0	ORD (Interval, 4) ERVAL P5) 5436'-42 (CP2 (CP.5) (CP.5) (LODC) 4 724'-4732', 4	(MD) 5:ze and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716'	SI .4 .4 .4 .4 .4	ZE -9" -9" -9" -9" -9"	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODU s lift, pumpingsize an 2-1/2" x 1	32. R DEPTH INT. 5436'- 5180'- 4804'- 4706'- UCTION d type of pump)	ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818'	DEPTH SET (N EOT @ 5430* FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 24,679 Frac w/ 54,003	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid
SIZE 31. PERFORATION REC INT (CF (A3 &1) 47 33.* DATE FIRST PRODUCTIC 07-12-0	ORD (Interval, SERVAL) P5) 5436'-42 (CP2 (CP.5) 5 (LODC) 4 724'-4732', 4	(MD) size and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716'	SI .4 .4 .4 .4 .4 .4	ZE -9" -9" -9" -9" -9"	SPF/NUMBE	32. R DEPTH INT. 5436'- 5180'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,679 Frac w/ 54,003 Frac w/ 79,700	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid ATUS (Producing or shut-in)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4' 33.* DATE FIRST PRODUCTIC 07-12-0 DATE OF TEST	ORD (Interval, SERVAL) P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4	(MD) size and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716'	SI .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ZE 19" 19" 19" 19" 10 (Flowing, gas	SPF/NUMBE	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (0 EOT @ 5430' FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,679 Frac w/ 54,003 Frac w/ 79,700 WATER-BBL.	MD) PENT SQUEE ND KIND OF) # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-0 DATE OF TEST 08/06/08	ORD (Interval, SERVAL) P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4	(MD) size and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO	SI .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ZE 19" 19" 19" 19" 19" I Gridening, gas	SPF/NUMBE	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (0 EOT @ 5430" FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATER-BBL. 7	MD) ENT SQUEE ND KIND OF # 20/40 sa	TA @ 5234' SZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 3043 Y-API (CORR.)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-0 DATE OF TEST 08/06/08	ORD (Interval, "ERVAL") P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4	(MD) size and number 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE	SI .4 .4 .4 .4 .4 .4 .44 .4	ZE 19" 19" 19" 19" 19 (Flowing, gase) E SIZE JLATED JJR RATE>	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUST SIET, pumping—size an 2-1/2" x 1 PRODN. FOR TEST PERIOD ————————————————————————————————————	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (0 EOT @ 5430" FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATER-BBL. 7	MD) ENT SQUEE ND KIND OF # 20/40 sa	TA @ 5234' SZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 3043 Y-API (CORR.)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-00 DATE OF TEST 08/06/08 FLOW. TUBING PRESS.	ORD (Interval, "ERVAL") P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4	(MD) size and number; 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE	SI .4 .4 .4 .4 .4 .4 .44 .4	ZE 19" 19" 19" 19" 19" I Gridening, gas	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUST SIET, pumping—size an 2-1/2" x 1 PRODN. FOR TEST PERIOD ————————————————————————————————————	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (0 EOT @ 5430" FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATER-BBL. 7	MD) ENT SQUEE ND KIND OF # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid EVED EIVED
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-00 DATE OF TEST 08/06/08 FLOW. TUBING PRESS.	ORD (Interval, SERVAL) P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4	(MD) size and number; 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE	SI .4 .4 .4 .4 .4 .4 .44 .4	ZE 19" 19" 19" 19" 19 (Flowing, gase) E SIZE JLATED JJR RATE>	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUST SIET, pumping—size an 2-1/2" x 1 PRODN. FOR TEST PERIOD ————————————————————————————————————	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (NECTION OF TRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATERBBL. TEST WITNE	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid and in 603 bbls fluid EDUCING GAS-OIL RATIO 3043 Y-API (CORR.)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-0 DATE OF TEST 08/06/08 FLOW. TUBING PRESS. 34. DISPOSITION OF GAS 35. LIST OF ATTACHMENT	ORD (Interval, "ERVAL") (CP2 (CP.5) 5 (CP.5) 5 (LODC) 4 (CP.4732', 4 (CP.5) 5 (CP.5)	(MD) size and number; 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE usel, vented, etc.)	SI .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ZE 19" 19" 19" 19" 19" 19 German Grand Control of the control of t	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUS lift, pumpingsize an 2-1/2" x 1 PROD'N. FOR TEST PERIOD> OIL-BBL. Fuel	32. R DEPTH INT. 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OILBBLS. 23 GASMCF.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (NECTION OF TRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATERBBL. TEST WITNE	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid and in 603 bbls fluid EDUCING GAS-OIL RATIO 3043 Y-API (CORR.)
SIZE 31. PERFORATION REC INT (CF (A3 &1) 47 33.* DATE FIRST PRODUCTION 07-12-0 DATE OF TEST 08/06/08 FLOW. TUBING PRESS. 34. DISPOSITION OF GAS 35. LIST OF ATTACHMENT 36. I hereby certify that	ORD (Interval, SERVAL) P5) 5436'-42 (CP2 (CP.5) 8 (LODC) 4 724'-4732', 4 ON	(MD) size and number; 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE usel, vented, etc.)	SI .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ZE 19" 19" 19" 19" 19" 19 German Grand Control of the control of t	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUS lift, pumpingsize an 2-1/2" x 1 PROD'N. FOR TEST PERIOD> OIL-BBL. Fuel	32. R DEPTH INT: 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OILBBLS. 23 GASMCF.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732' GASMCF. 70	DEPTH SET (0 EOT @ 5430' FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATERBBL. TEST WITNE	MD) PENT SQUEE ND KIND OF) # 20/40 sa	TA @ 5234' ZZE, ETC. MATERIAL USED and in 344 bbls fluid and in 346 bbls fluid and in 473 bbls fluid and in 603 bbls fluid ENTEROPOLING GAS-OIL RATIO 3043 Y-API (CORR.) EIVED 18 2008
SIZE 31. PERFORATION REC INT (CF (A3 &1) 4: 33.* DATE FIRST PRODUCTION 07-12-0 DATE OF TEST 08/06/08 FLOW. TUBING PRESS. 34. DISPOSITION OF GAS 35. LIST OF ATTACHMENT	ORD (Interval, serval,	(MD) size and number; 2', 5470'-76' 2) 5180'-88' 5096'-5104' 4804'-4818' 4706'-4716' PRODUCTIO URS TESTED SING PRESSURE usel, vented, etc.)	SI .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ZE 19" 19" 19" 19" 19" 19 German Grand Control of the control of t	SPF/NUMBE 4/48 4/32 4/32 4/56 4/72 PRODUS lift, pumpingsize an 2-1/2" x 1 PROD'N. FOR TEST PERIOD> OIL-BBL. Fuel	32. R DEPTH INT: 5436'- 5180'- 5096'- 4804'- 4706'- UCTION d type of pump) -1/2" x 18' CD OILBBLS. 23 GASMCF.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5476' -5188' -5104' -4818' -4732'	DEPTH SET (0 EOT @ 5430' FRACTURE, CEME AMOUNT AT Frac w/ 24,262 Frac w/ 24,840 Frac w/ 54,003 Frac w/ 79,700 WATERBBL. TEST WITNE	MD) PENT SQUEE ND KIND OF 1 # 20/40 sa	TA @ 5234' ZE, ETC. MATERIAL USED and in 344 bbls fluid and in 345 bbls fluid and in 473 bbls fluid and in 603 bbls fluid and in 603 bbls fluid and in 603 bbls fluid ENTEROPOLING GAS-OIL RATIO 3043 Y-API (CORR.) EIVED 18 2008

FORMATION TOP BOTTOM TRUE T	TOP BOTTOM DESCRIPTION, CONTENTS, ETC. NAME MEAN, EDETH	recoveries);	interval tested, cushion	used, time tool open,	drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS	MAKKEKS	
паме мел. DEPTH Garden Gulch Mkr 3336' Garden Gulch 1 3626' Point 3 Mkr 368' X Mkr 4111' Y-Mkr 4111' Douglas Creek Mkr 4500' B Limestone Mkr 4612' Castle Peak 5070' Basal Carbonate 5490' Total Depth (LOGGERS) 5600'	Name NEAS. DEPTH Garden Gulch Mkr 3336' Garden Gulch 2 3626' Point 3 Mkr 4111' Y-Mkr 4146' Douglas Creek Mkr 4500' B Limestone Mkr 4612' Castle Peak 5070' Basal Carbonate 5490' Total Depth (LOGGERS 5600'	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		ro	P
Garden Gulch Mkr 3336' Garden Gulch 1 3375' Garden Gulch 2 3626' Point 3 Mkr 3868' X Mkr Y-Mkr Douglas Creek Mkr 4772' BiCarbonate Mkr B Limestone Mkr 612' Castle Peak Basal Carbonate Total Depth (LOGGERS) 5600'	Garden Gulch Mkr 3336' Garden Gulch 1 3375' Garden Gulch 2 3626' Point 3 Mkr X Mkr X Mkr Y-Mkr Douglas Creek Mkr 4772' BiCarbonate Mkr B Limestone Mkr 4612' Castle Peak Basal Carbonate Total Depth (LOGGERS) 5600'					NAME		TRUE
Garden Gulch 1 Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	Garden Gulch 1 Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)				TALL TAX		MEAS. DEPTH	VERT. DEPTE
Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)				well Name	Garden Gulch MKr	3336	
Gulch 2 Mkr s Creek Mkr stone Mkr stone Mkr arbonate epth (LOGGERS	Gulch 2 Mkr s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS				Federal 7-24-9-17	Garden Gulch 1	3375'	
Mkr s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS	Mkr s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS					Garden Gulch 2	3626'	
s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS	s Creek Mkr onate Mkr stone Mkr Peak arbonate epth (LOGGERS					Point 3 Mkr	3868'	
s Creek Mkr onate Mkr stone Mkr Peak arbonate epth (LOGGERS	s Creek Mkr onate Mkr stone Mkr Peak arbonate epth (LOGGERS					X Mkr	4111'	
creek Mkr stone Mkr eak arbonate epth (LOGGERS	creek Mkr stone Mkr eak arbonate epth (LOGGERS					Y-Mkr	4146'	
e Mkr e Mkr nate (LOGGERS	e Mkr e Mkr nate (LOGGERS					Douglas Creek Mkr	4272'	
e Mkr nate (LOGGERS	e Mkr nate (LOGGERS					BiCarbonate Mkr	4500'	
(LOGGERS	(LOGGERS					B Limestone Mkr	4612'	
						Castle Peak	5070	
						Basal Carbonate		
						Total Depth (LOGGERS		
				* , "				

STATE OF UTAH

STATE OF UTAIN
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

		_		
5	LEASE DESIGNATION	AND	SERIAL	NUMBER
1	USA UTU-84233			

10. FIELD AND POOL, OR WILDCAT:

SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAM
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: FEDERAL 7-24-9-17
NAME OF OPERATOR:	9. API NUMBER:
NEWFIELD PRODUCTION COMPANY	4304739261

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721 MONUMENT BUTTE

LOCATION OF WELL:

FOOTAGES AT SURFACE: 1984 FNL 1881 FEL

COUNTY:

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 24, T9S, R17E STATE: UT

11.	CHECK APPROF	RIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
T	YPE OF SUBMISSION		TYPE OF ACTION	
$\overline{\mathbf{x}}$	NOTION OF DIFFERENCE	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
ы	NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
	Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
	04/01/2009	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
		CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR
	SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
	(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
	Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: - Cement usable water zone.
		CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	

PHONE NUMBER

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

After the initial cement job of the 5-1/2" production casing on the Federal 7-24-9-17 the cement top fell to 1150. Failing to cover required 200' above the usable water zone at approximately 700'. Newfield Production Company proposes to perforate the 5-1/2" casing at 1120' set a cement retainer and circulate cement up the annulas to cover the usable water zone. Newfield will circulate cement to surface with approximately +/- 39 bbls of cement, with 75% of the cement volume in a +/- 11 ppg in the lead cement slurry, and 25% of cement volume in a 15.8 ppg tail cement slurry. Cement volume dependant of circulation volume. Cement should return to surface.

COPY SENT TO OPERATOR

Date: 3:30:2009

Initials: <u>K5</u>

NAME (PLEASE PRINT) Paul Weddle

TITLE Operations Engineer

1 to a disposition

DATE 03/12/2009

his space for State use only)

. ADDRESS OF OPERATOR:

Utah Division of Oil, Gas and Mining

Federal Approval Of This Action Is Necessary RECEIVED

MAR 2 3 2009

DIV. OF OIL, GAS & MINING

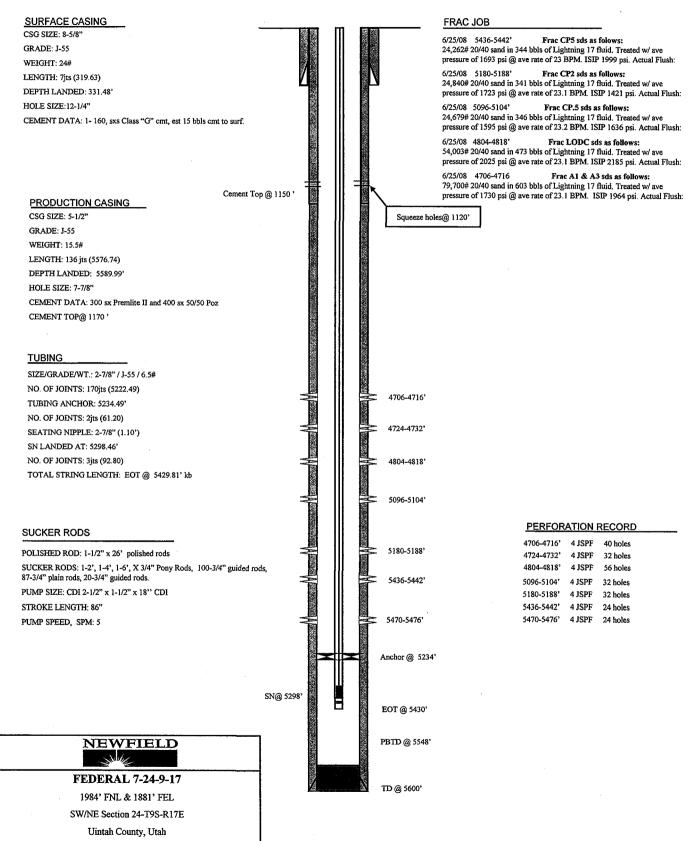
Spud Date: 6/2/08 Put on Production: 7/12/08

API #43-047-39261; Lease # UTU-84233

FEDERAL 7-24-9-17

GL: 5185' KB: 5197' Wellbore Diagram Initial Production: MCFD, BWPD

BOPD.



STATE OF UTAH

	DEPARTMENT OF NATURAL R DIVISION OF OIL, GAS AN			5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-84233
SUNDRY	Y NOTICES AND REPO	ORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	rill new wells, significantly deepen existing wells be tal laterals. Use APPLICATION FOR PERMIT TO			7. UNIT or CA AGREEMENT NAME:
. TYPE OF WELL: OIL WELL	GAS WELL OTHER			8. WELL NAME and NUMBER: FEDERAL 7-24-9-17
NAME OF OPERATOR:				9. API NUMBER:
NEWFIELD PRODUCTION COM	/PANY			4304739261
. ADDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630	CITY Myton STATE UT	zip 84052	435.646.3721	MONUMENT BUTTE
. LOCATION OF WELL:			<u></u>	
FOOTAGES AT SURFACE: 1984 FNL	1881 FEL			COUNTY:
OTR/OTR. SECTION, TOWNSHIP, RANGE	MERIDIAN: SWNE, 24, T9S, R17E			STATE: UT
CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE C	F NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TE	REAT	SIDETRACK TO REPAIR WELL
• •	CASING REPAIR	NEW CONSTR		TEMPORARITLY ABANDON
Approximate date work will	二	OPERATOR C		
·	CHANGE TO PREVIOUS PLANS			TUBING REPAIR
	CHANGE TUBING	PLUG AND AI	BANDON	VENT OR FLAIR
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	I (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATIC	ON OF WELL SITE	X OTHER: - cement repair
06/05/2009	CONVERT WELL TYPE	RECOMPLETE	E - DIFFERENT FORMATION	١
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show	all pertinent details	including dates, depths	, volumes, etc.
The work has been comple	eted on the subject well to cement u	iouable water z	one Attached is th	o work roport
·	·			•
Please contact Paul Wedd information.	lle (operations engineer) at 303-383-	-7117, or Susan	Linder at 303-382	-4443 if you need additional
			Ŧ	
			R	ECEIVED
•			#* ## ##	
			j J	UL 0 6 2009
			DIV. OF	OIL, GAS & MINING
NAME (PLEASE PRINT) Susan Linder	0 0	Т	TILE Operations Tech	
SIGNATURE XIIX	antinde	D	ATE 07/02/2009	

his space for State use only)



<u>W</u>	ELL NAME:	Federal 7	⁷ -24-9-17	Repo	rt Date:	6/	5/2009		Day:	7
	Operation:	Ceme	ent Repair		•		Rig:	A-Plus W	/S #5	
			<u> </u>	WELL STAT	rus					_
Surf			Pro	od Csg:5	1/2"	@ .	5590'	Csg PB	TD: <u>55</u> 4	18'
Гbg:	Size: 2	2 7/8" Wt:	6.5#Grd:	J-55	Pkr/EC	т @:]	5497.12'	BP/Sand PB	TD: 553	39'
			PERF	ORATION	RECORD)	-			
<u>Z</u> (one	<u>Perfs</u>	SPF/#shot		<u>Zor</u>	-		<u>Perfs</u>	SPF/#	shot
41 s	ds <u>470</u>	06-4716'	4/40	_	CP5 se	ds	5436-		4/24	
43 s		24-4732'	4/32		CP5 se	ds	5470-	5476'	4/24	
LOD	······	04-4818'	4/56	_						
CP2		96-5104' 80-5188'	4/32 4/32							
<i>71 </i>	303 310	70-3100		– LOGICAL (DED ATI	<u>—</u> —				
)ato	Work Performe	ad: 6/	4/2009	LOGICAL	<u> </u>	<u>ONS</u>	SITP:	SIC	ים:	
Starti	ng fluid load to k	be recovered:	250	RECOVER Starting of	l rec to da	ate:				
	lost/recovered to g fluid to be rec	-	<u>0</u> 250	Oil lost/red Cum oil re		oday:				
IFL:	-			Choke:	Covered.	Final	Fluid Rate:	Fir	بقديم المامة	
	TUBING I	DETAIL	<u></u>	OD DETAIL					nal oil cut:	
	2			OD DE LAIL				COSTS	iai oli cut:	
ΚB	40.00!			OD DETAIL			A-	COSTS Plus WS #5	lai oli cut:	
175	12.00'		1 1/2" X 20	6' Polish roc					lai oii cut:	
	2 7/8 J-55 tbg (5324.98')				*	NPC s	Plus WS #5		
			1-2',1-4',1	6' Polish roc -6' X 3/4" pc			NPC s	Plus WS #5 supervision ump repair		
1	2 7/8 J-55 tbg (TA (2.77' @ 53	99.78' KB)		6' Polish roc -6' X 3/4" po uided rods			NPC s CDI p 2 - 2	Plus WS #5 supervision		
1	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (99.78' KB) 30.95')	1-2',1-4',1- 106- 3/4" g 85- 3/4" pl	6' Polish roc -6' X 3/4" po uided rods ain rods	ony rods		NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg		
1	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (SN (1.10' @ 52	99.78' KB) 30.95') 298.46' KB)	1-2',1-4',1- 106- 3/4" gi 85- 3/4" pi 22- 3/4" gi	6' Polish roo -6' X 3/4" po uided rods ain rods uided rods 6	ony rods		NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg		
	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (SN (1.10' @ 52 2 7/8 J-55 tbg (99.78' KB) 30.95') 298.46' KB)	1-2',1-4',1- 106- 3/4" g 85- 3/4" pl 22- 3/4" gu 6 - 1 1/2" v	6' Polish roo -6' X 3/4" pouided rods ain rods uided rods 6 weight bars	ony rods	-	NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg		
	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (SN (1.10' @ 52	99.78' KB) 30.95') 298.46' KB) 61.87')	1-2',1-4',1- 106- 3/4" gi 85- 3/4" pi 22- 3/4" gi	6' Polish roo -6' X 3/4" pouided rods ain rods uided rods 6 weight bars	ony rods	-	NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg		
	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (SN (1.10' @ 52 2 7/8 J-55 tbg (NC (.45')	99.78' KB) 30.95') 298.46' KB) 61.87')	1-2',1-4',1 106- 3/4" g 85- 3/4" pl 22- 3/4" gu 6 - 1 1/2" v 2 1/2" X 1	6' Polish roo -6' X 3/4" pouided rods ain rods uided rods 6 weight bars	ony rods	-	NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg		
	2 7/8 J-55 tbg (TA (2.77' @ 53' 2 7/8 J-55 tbg (SN (1.10' @ 52 2 7/8 J-55 tbg (NC (.45')	99.78' KB) 30.95') 298.46' KB) 61.87')	1-2',1-4',1 106- 3/4" g 85- 3/4" pl 22- 3/4" gu 6 - 1 1/2" v 2 1/2" X 1	6' Polish roo -6' X 3/4" pouided rods ain rods uided rods 6 weight bars	ony rods	-	NPC s CDI p 2 - 2	Plus WS #5 supervision ump repair 7/8" jts tbg uided rods		



Operation: Cement Repair Rig: A-Plus WS #5	<u>W</u> E	<u>ELL NA</u>	ME:	Fed	leral 7-24-	9-17		Rep	ort Date	: 6	/4/2009	_		Day:	6
Surf Csg: 8 8 8 8 332 Prod Csg: 5 1/2"		Opera	tion:		Cement	Repair	r				Rig:	A-Plus	s WS #	5	
Surf Csg: 8 8 8 8 332 Prod Csg: 5 1/2"	_					_	W	ELL STA	TUS			·.··.			
Perfs	Surf (Csg: 8	3 5/8'	@ 33	2'					@	5590'	Csg	PBTD:	554	48'
Zone	Tbg:	_		2 7/8"	Wt:	6.5#	Grd: _	J-55	Pkr/E	ЕОТ @:	5497.12'	BP/Sand	PBTD:	553	39'
Zone							DEDEO	DATION	DECO	חס					
Af adds	70	ne		Perfs				KATION				Perfs		SPF/#	shots
A3 sds			4								5436				<u> </u>
CP.5 sds 5096-5104' 4/32			_			· · · · · · · · · · · · · · · · · · ·					4				
CHRONOLOGICAL OPERATIONS SITP: SICP:	LOD	C	4	804-4818		4/56	}								
CHRONOLOGICAL OPERATIONS SITP: SICP:			7												
Date Work Performed: 6/3/2009 SITP: SICP:	CP2	sds	_5	5180-5188 '		4/32	<u> </u>								
Pressure tested surface csg to 500psi w/ 1/8 BW, TOC in surface csg approx 8' from surface. Drilled out cement from 1065' to 1120'. TOOH w/ bit. PU & TIH w/ 5 1/2" csg scraper to 1268'. TOOH & LD scraper. Filled & tested csg to 1000psi, held for 15 mins. Verified logs w/ BLM. TIH w/ RBP retrieving tool, tagged sand @ 1280'. Circulated sant off of RBP w/ 30 BW. Released RBP, TOOH & LD RBP. TIH w/ tbg as detailed. ND BOP, set TA w/ 18000#s SDFN. Starting fluid load to be recovered: 250				_			<u>RONO</u> LO	OGICAL	OPERA	TIONS					
1065' to 1120'. TOOH w/ bit. PU & TIH w/ 5 1/2" csg scraper to 1268'. TOOH & LD scraper. Filled & tested csg to 1000psi, held for 15 mins. Verified logs w/ BLM. TIH w/ RBP retrieving tool, tagged sand @ 1280'. Circulated sant off of RBP w/ 30 BW. Released RBP, TOOH & LD RBP. TIH w/ tbg as detailed. ND BOP, set TA w/ 18000#s SDFN. Starting fluid load to be recovered: 250	Date	Work F	Perfor	med:	6/3/20	009	_				SITP:		SICP:		
Ending fluid to be recovered: 250	Starti	ng fluid			***************************************	_		Starting of	oil rec to	date:					
TUBING DETAIL ROD DETAIL ROD DETAIL ROD DETAIL COSTS A-Plus WS #5 A										-					
TUBING DETAIL ROD DETAIL ROD DETAIL A-Plus WS #5 A-Plus WS #5 NPC supervision NPC supervision Dalbo 400bbl tanks X2 TA (2.77' @ 5399.78' KB) 1 2 7/8 J-55 tbg (30.95') SN (1.10' @ 5298.46' KB) 2 2 7/8 J-55 tbg (61.87') NC (.45') EOT @ 5497.12' KB ROD DETAIL A-Plus WS #5 A-Plus WS #5 NPC supervision NPC supervision Dalbo 400bbl tanks X2 Four Star Rentals lowa Trucking CDI TA RBS drag bit CDI TA RBS drag bit DAILY COST:		•							ecovered		Eluid Poto		_ Einal	oil cut:	
A-Plus WS #5 NPC supervision 175 2 7/8 J-55 tbg (5324.98') TA (2.77' @ 5399.78' KB) 1 2 7/8 J-55 tbg (30.95') SN (1.10' @ 5298.46' KB) 2 2 7/8 J-55 tbg (61.87') NC (.45') EOT @ 5497.12' KB A-Plus WS #5 NPC supervision Dalbo 400bbl tanks X2 Four Star Rentals lowa Trucking CDI TA RBS drag bit A-Plus WS #5 NPC supervision Dalbo 400bbl tanks X2 Four Star Rentals RBS drag bit CDI TA RBS drag bit DAILY COST:	IFL.	***************************************			F 1F	·		***************************************						Jii cut.	
Table Tabl		1	UBIN	G DETAIL			ROI	DETAI	<u>_</u>		,				_
175 2 7/8 J-55 tbg (5324.98') TA (2.77' @ 5399.78' KB) 1 2 7/8 J-55 tbg (30.95') SN (1.10' @ 5298.46' KB) 2 7/8 J-55 tbg (61.87') NC (.45') EOT @ 5497.12' KB 1-2',1-4',1-6' X 3/4" pony rods 100- 3/4" guided rods 1	KB	12.00'		·		1 1/2	2" X 26'	Polish ro	d		·				
TA (2.77' @ 5399.78' KB) 1 2 7/8 J-55 tbg (30.95') SN (1.10' @ 5298.46' KB) 2 7/8 J-55 tbg (61.87') NC (.45') EOT @ 5497.12' KB 100- 3/4" guided rods 87- 3/4" plain rods 10wa Trucking CDI TA RBS drag bit CDI" DAILY COST:			 -55 tb	a (5324.98')					- 3	····				<u></u>
1 2 7/8 J-55 tbg (30.95') 87- 3/4" plain rods lowa Trucking SN (1.10' @ 5298.46' KB) 20- 3/4" guided rods CDI TA 2 2 7/8 J-55 tbg (61.87') 2 1/2" X 1 1/2" X 18' RBS drag bit NC (.45') "CDI" EOT @ 5497.12' KB DAILY COST:											·····			4	3
SN (1.10' @ 5298.46' KB)	1							***************************************					_		3
2 2 7/8 J-55 tbg (61.87') 2 1/2" X 1 1/2" X 18' RBS drag bit NC (.45') "CDI" EOT @ 5497.12' KB DAILY COST:					——— В)				····				_		
NC (.45') "CDI" EOT @ 5497.12' KB DAILY COST:	2										F	RBS drag bi	- it		
DAILY COST:		NC (.4	5')			"CD	ľ								
		EOT @	0 5497	7.12' KB									_		

											DAIIV	COST			



<u>W</u>	ELL NAME:	Fede	eral 7-24-9-	-17	Repo	rt Date: _	6/	3/2009			Day:5
	Operation:	(Cement R	epair				Rig:	A-Plu	ıs WS #	5
				<u>w</u>	ELL STAT	rus_		 			
Surf	Csg: <u>8 5/8'</u>	@332		Prod	Csg: 5	1/2"	@	5590'	Csg	PBTD:	5548'
Tbg:	Size:	2 7/8"	Wt: 6.	<u>5#</u> Grd: _	J-55	Pkr/EO	Т @: ຼ	5429.81'	BP/Sand	PBTD:	5539'
				PERFC	RATION I	RECORD	l	-			-
Z	one	<u>Perfs</u>		SPF/#shots		Zon	•		<u>Perfs</u>		SPF/#shots
A1 s	ds 4	706-4716'		4/40		CP5 sc	ds_	5436-			4/24
A3 s		724-4732'		4/32		CP5 sc	ds	5470-	<u>5476'</u>		4/24
LOD		804-4818'		4/56							
CP.5		096-5104' 180-5188'		4/32 4/32		-					
01 2		100-3100		CHRONOL	OCICAL C	DEDATI	ONE	·			
Data	Work Perfor	mad:	6/2/200		OGICAL C	ZECKATI	ONS	SITP:	0	SICP:	300
Date	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		0,2,200					· · · · ·			
Fluid	ing fluid load t	d today:	0	50	RECOVER Starting oil	I rec to da covered to	te: ຼ				
IFL:	ng fluid to be re :	ecoverea: FFL:	250 FTP:		Cum oil red hoke:		_				
	TURING	G DETAIL					Final	Fluid Rate:		Final o	oil cut:
	100111	O DE ITALE		RO	D DETAIL		Final	Fluid Rate:	cos		oil cut:
KB	12.00'			RO	D DETAIL		Final	<u> </u>	COS Plus WS #	<u>TS</u>	oil cut:
4-0	12.00			RO 1 1/2" X 26'			Final	A-	<u>COS</u> Plus WS # supervisio	<u>TS</u>	oil cut:
170	2 7/8 J-55 tbg	g (5222.49')			Polish rod			A-	Plus WS # supervisio	TS 15 15	pil cut:
170	2 7/8 J-55 tbg			1 1/2" X 26' 1-2',1-4',1-6	Polish rod 5' X 3/4" po			A- NPC s	Plus WS # supervisio	TS 15 15	pil cut:
170	2 7/8 J-55 tbg	5234.49' KB	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guid	Polish rod ' X 3/4" po ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
	2 7/8 J-55 tbg TA (2.77' @ 5	5234.49' KB g (61.20')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" gui 87- 3/4" plai	Polish rod S' X 3/4" po ded rods in rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @	5234.49' KB g (61.20') 5298.46' KE	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guid 87- 3/4" plai 20- 3/4" guid	Polish rods ded rods in rods ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg	5234.49' KB g (61.20') 5298.46' KE	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods ded rods in rods ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20'	5234.49' KB g (61.20') 5298.46' KE g (31.00')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guid 87- 3/4" plai 20- 3/4" guid	Polish rods ded rods in rods ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20' 2 7/8" Nipple	5234.49' KBg (61.20') 5298.46' KEg (31.00')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods ded rods in rods ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
2	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20' 2 7/8" Nipple 2 7/8 J-55 tbg	5234.49' KBg (61.20') 5298.46' KEg (31.00')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods of X 3/4" poded rods of rods of ded rods of ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
2	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20' 2 7/8" Nipple 2 7/8 J-55 tbg BP 0.69'	5234.49' KBg (61.20') 5298.46' KEg (31.00') 0.65' g (92.80')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods of X 3/4" poded rods of rods of ded rods of ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
2	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20' 2 7/8" Nipple 2 7/8 J-55 tbg	5234.49' KBg (61.20') 5298.46' KEg (31.00') 0.65' g (92.80')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods of X 3/4" poded rods of rods of ded rods of ded rods			A- NPC s	Plus WS # supervisio	TS 15 15	7
2	2 7/8 J-55 tbg TA (2.77' @ 5 2 7/8 J-55 tbg SN (1.10' @ 2 7/8 J-55 tbg PBGA 5.20' 2 7/8" Nipple 2 7/8 J-55 tbg BP 0.69'	5234.49' KBg (61.20') 5298.46' KEg (31.00') 0.65' g (92.80')	3)	1 1/2" X 26' 1-2',1-4',1-6 100- 3/4" guie 87- 3/4" plai 20- 3/4" guie 2 1/2" X 1 1	Polish rods of X 3/4" poded rods of rods of ded rods of ded rods			A- NPC s	Plus WS # supervisio ol tanks X	TS 15 15	7



WE	LL NAME:	Fed	leral 7-24-9	-17	Rep	ort Date	:6	5/2/2009			Day:	4
	Operation) 	Cement R	epair				Rig:	A-Plus	WS #	5	
			·		WELL ST	ATUS						
Surf C	Ssg: <u>8 5/8</u>		2'	Pro	od Csg:	5 1/2"	_ @	5590'	Csg I	PBTD:	554	48'
Tbg:	Size:	2 7/8"	Wt: <u>6.</u>	<u>5#</u> Grd	: <u>J-55</u>	Pkr/E	ОТ @:	5429.81'	BP/Sand	PBTD: _	553	39'
				PERI	FORATION	N RECOR	RD		-			
<u>Zo</u>	<u>ne</u>	<u>Perfs</u>		SPF/#sho			one		<u>Perfs</u>		SPF/#	shots
A1 sc		4706-4716'		4/40		CP5		-	-5442'		4/24	
A3 sd		4724-4732'	·	4/32		CP5	sds	5470	-5476'		4/24	
LODO CP.5	······································	4804-4818' 5096-5104'		4/56 4/32	•	***************************************						
CP2 s		5180-5188'	**************************************	4/32	_			-				
-	······································			CHRONC	 DLOGICAL	OPERA	TIONS	<u> </u>				
Date '	Work Perfo	ormed:	6/1/200	9				SITP:		SICP:	600	psi
Startir	_	I to be recove	ered: 1 80	<u>FLUIC</u> 70	_	oil rec to	date:			<u>. </u>		
_	lost/recover	ed today: recovered:	250			ecovered recovered	-	h		-		
IFL:	g ilula to be	FFL:	FTP:		Choke:	recovered		I Fluid Rate:		Final o	il cut:	
	TUBI	NG DETAIL		R	OD DETA	iL			COST	S		
-			-		V 1 V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			A-Plus WS #		_		
KB -	12.00'			1 1/2" X 2	6' Polish re	od		NPC	supervision			
170	2 7/8 J-55 t	bg (5222.49')	1-2',1-4',1	-6' X 3/4" _I	pony rods	- ;	Dalbo 400b	bl tanks X2			
-	TA (2.77' @) 5234.49' KE	3)	100- 3/4" g	juided rods		 -	Weath	erford tools	_	4	
-	2 7/8 J-55 t			87- 3/4" p			•					
-		0 5298.46' KI	3)	<u>'</u>	uided rods							
-	2 7/8 J-55 t		······································	PA	1/2" X 18'					. +	 	······································
-	PBGA 5.20			"CDI"								
-	2 7/8" Nipp	, , , , , , , , , , , , , , , , , , , ,		·	,				<u></u>		-to, to the	
-	2 7/8 J-55 1									-		
-	BP 0.69'				<u></u>	·	-	(,	- ***		
-	EOT @ 54:	29.81' KB	***************************************							_		
-												
								DAILY C				
V	Vorkover S	upervisor:	Scott Si	monton				TOTAL WE	ELL COST:			



WE	LL NAME:	Fed	deral 7-24-9	-17	Rep	oort Date	:6	6/1/2009	_		Day:3
	Operation		Cement R	Repair	***************************************			Rig:	A-P	lus WS #	5
		<u> </u>			WELL ST	ATUS					
Surf C	Ssg: <u>8 5/8</u>		2'	P	rod Csg:	5 1/2"	_ @	5590'	Cs	sg PBTD:	5548'
Tbg:	Size	2 7/8"	Wt: 6	<u>.5#</u> Gr	d: J-5 5	Pkr/E	EOT @:	5429.81'	BP/Sar	nd PBTD:	5539'
				PEI	RFORATIO	N RECOF	RD				
<u>Zo</u>	<u>ne</u>	<u>Perfs</u>		SPF/#sh			one		<u>Perfs</u>		SPF/#shot
A1 sc	ls	4706-4716'		4/40		CP5		_	-5442'		4/24
A3 sc		4724-4732'	W	4/32		CP5	sds	5470	-5476'		4/24
LODO CP.5		4804-4818' 5096-5104'		4/56 4/32							
CP2 s		5180-5188'	4=	4/32	···	***************************************		-			
					OLOGICAL	OPERA	TIONS				
)ate '	Work Perfe	ormed:	5/29/20		CLCCIOAL	<u>- 01 </u>	110140	: SITP:	40	SICP:	40 psi
	-	d to be recove		<u>FLU</u> 70	_	oil rec to	date:			n Alde Andreada	
Fluid !	lost/recove	red today:	80	70	Starting Oil lost/r	oil rec to ecovered	date: today:				
luid	lost/recove			70	Starting Oil lost/r	oil rec to	date: l today: d:	I Fluid Rate:		 Final (oil cut:
luid ! Indin	lost/recover g fluid to be	red today: e recovered: _	80 250	70	Starting Oil lost/r Cum oil	oil rec to recovered recovered	date: l today: d:			 Final o	oil cut:
Fluid Endin IFL:	lost/recover g fluid to be TUBI	red today: e recovered: _ FFL:	80 250	70	Starting Oil lost/r Cum oil Choke: ROD DETA	oil rec to recovered recovered	date: l today: d:	I Fluid Rate:	CO: -Plus WS	STS #5	oil cut:
luid Indin IFL:	lost/recover g fluid to be	red today: e recovered: _ FFL:	80 250	70	Starting Oil lost/r Cum oil Choke:	oil rec to recovered recovered	date: l today: d:	I Fluid Rate:	CO	STS #5	oil cut:
Fluid Endin IFL:	lost/recover g fluid to be TUBI	red today: e recovered: _ FFL:	80 250 FTP:	70 	Starting Oil lost/r Cum oil Choke: ROD DETA	oil rec to recovered recovered IL	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi	#5 ion	oil cut:
Fluid Endin IFL: KB	TUBI 12.00' 2 7/8 J-55	red today: e recovered: FFL: NG DETAIL	80 250 FTP:	1 1/2" X 1-2',1-4'	Starting Oil lost/r Cum oil Choke: ROD DETA	oil rec to recovered recovered IL od	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170	TUBI 12.00' 2 7/8 J-55 TA (2.77' (red today: e recovered: FFL: NG DETAIL tbg (5222.49)	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4"	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r ,1-6' X 3/4"	oil rec to recovered recovered IL od	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170	TUBI 12.00' 2 7/8 J-55 TA (2.77' @	red today: e recovered: FFL: NG DETAIL tbg (5222.49'	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4"	Starting Oil lost/n Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods	oil rec to recovered recovered IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170	TUBI 12.00' 2 7/8 J-55 TA (2.77' @ 2 7/8 J-55 SN (1.10' @	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 2 5234.49' KE	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4"	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r ,1-6' X 3/4" guided rods plain rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
KB 170	TUBI 12.00' 2 7/8 J-55 TA (2.77' @ 2 7/8 J-55 SN (1.10' @	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 2) 5234.49' Kl tbg (61.20') 2) 5298.46' Kl tbg (31.00')	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4"	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
KB 170 1	TUBI 12.00' 2 7/8 J-55 TA (2.77' (2 7/8 J-55) SN (1.10' (2 7/8 J-55)	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 2) 5234.49' KE tbg (61.20') 2) 5298.46' KE tbg (31.00') 0'	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
KB 170 _	12.00' 2 7/8 J-55 TA (2.77' (2.7/8 J-55) SN (1.10' (2.7/8 J-55) PBGA 5.2 2 7/8" Nipp	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 2 5234.49' KE tbg (61.20') 5298.46' KE tbg (31.00') 0' ple 0.65'	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
KB 170 1	12.00' 2 7/8 J-55 TA (2.77' (2.7/8 J-55) SN (1.10' (2.7/8 J-55) PBGA 5.2 2 7/8' Nipp 2 7/8 J-55	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 2) 5234.49' KE tbg (61.20') 2) 5298.46' KE tbg (31.00') 0'	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170 2 1	12.00' 2 7/8 J-55 TA (2.77' (2.7/8 J-55) SN (1.10' (2.7/8 J-55) PBGA 5.2 2 7/8" Nipp	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 5234.49' KE tbg (61.20') 5298.46' KE tbg (31.00') 0' ole 0.65' tbg (92.80')	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170 2 1	12.00' 2 7/8 J-55 TA (2.77' (2 2 7/8 J-55) SN (1.10' (2 7/8 J-55) PBGA 5.2 2 7/8 J-55 PBGA 5.2 2 7/8 J-55 BP 0.69'	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 5234.49' KE tbg (61.20') 5298.46' KE tbg (31.00') 0' ole 0.65' tbg (92.80')	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi obl tanks	#5 ion X2	oil cut:
Fluid Endin IFL: KB 170 2 1 3 3 3 1 1 1 1 1 1	12.00' 2 7/8 J-55 TA (2.77' (2 2 7/8 J-55) SN (1.10' (2 7/8 J-55) PBGA 5.2 2 7/8 J-55 PBGA 5.2 2 7/8 J-55 BP 0.69'	red today: e recovered: FFL: NG DETAIL tbg (5222.49' 5234.49' KE tbg (61.20') 5298.46' KE tbg (31.00') 0' ole 0.65' tbg (92.80')	80 250 FTP:	1 1/2" X 1-2',1-4' 100- 3/4" 87- 3/4" 20- 3/4" 2 1/2" X	Starting Oil lost/r Cum oil Choke: ROD DETA 26' Polish r 1-6' X 3/4" guided rods plain rods guided rods	oil rec to recovered recovered .IL od pony rods	date: ! today: d: Fina 	I Fluid Rate:	CO: -Plus WS supervisi bbl tanks D&M H	#5 ion X2	oil cut:



	LL NAME	<u>:</u> Federal	7-24-9-17		Rep	ort Date):	5/29/09			Day:	2
	Operation	n: <u>Cer</u>	nent Repai	r				Rig:	A-Plu	us WS#	5	
				w	ELL STA	ATUS_			***************************************		· · ·	
Surf (Csg: <u>8 5/8</u>		_	Prod	Csg:	5 1/2"	_ @	5590'	_	PBTD:	554	18'
Tbg:	Size	e: <u>2 7/8"</u> Wt	: <u>6.5#</u>	Grd: _	J-55	Pkr/l	EOT @:	5429.81'	BP/Sand	d PBTD:	554	18'
				PERFO	RATION	I RECOF	RD	-				
<u>Zc</u>	ne	<u>Perfs</u>	SPF	/#shots			one		<u>Perfs</u>		SPF/#s	shots
<u>A1 s</u>		4706-4716'	4/40				sds	-	5442'		4/24	
A3 s		4724-4732'	4/32			CP5	sds	<u>5470-</u>	5476'		4/24	
LOD CP.5	~	4804-4818' 5096-5104'	- 4/50 4/32									
CP.5		5180-5188'	$-\frac{4/37}{4/37}$							 -	······································	
•					OGICAL	OPERA	TIONS					
Date	Work Perf	formed:	5/28/09					SITP:	40	SICP:	40 p	osi
	•	ped 10 BW down to			ter.							
Fluid	lost/recove		0 170		RECOVE Starting of	oil rec to ecovered	date: I today:				<u>-</u>	
Fluid Endir	<u>lost/</u> recove ng fluid to b	ered today: ne recovered:	170 170		Starting of Oil lost/re Cum oil r	oil rec to ecovered	date: l today: d:					
Fluid	lost/recove	ered today: pe recovered: FFL:	0 170		Starting of Oil lost/re Cum oil records	oil rec to ecovered ecovered	date: l today: d:			 Final o	il cut:_	
Fluid Endir	lost/recove	ered today: ne recovered:	170 170		Starting of Oil lost/re Cum oil r	oil rec to ecovered ecovered	date: l today: d:	I Fluid Rate:	cos	Final o	oil cut:	
Fluid Endir IFL:	lost/recovering fluid to b	ered today: pe recovered: FFL:	0 170 170 FTP:	Cr	Starting of Oil lost/re Cum oil re noke:	oil rec to ecovered recovered L	date: l today: d:	I Fluid Rate:	COS Plus WS #	Final o	oil cut:	
Fluid Endir IFL:	lost/recovering fluid to b TUB	ered today: pe recovered: FFL: SING DETAIL	0 170 170 FTP:	Cr 	Starting of Oil lost/re Cum oil roke: D DETAL Polish ro	pil rec to ecovered recovered L	date: I today: d: Fina 	I Fluid Rate: A- NPC s	COS Plus WS # supervisio	Final o	il cut:	
Fluid Endir IFL:	TUB 12.00' 2 7/8 J-55	ered today: pe recovered: FFL: BING DETAIL tbg (5222.49')	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6	Starting of Oil lost/re Cum oil renoke: D DETAI Polish re 'X 3/4" p	pil rec to ecovered recovered L	date: I today: d: Fina 	I Fluid Rate:	COS Plus WS # supervisio bl tanks X	Final o	oil cut:	
Fluid Endir IFL: KB 170	TUB 12.00' 2 7/8 J-55 TA (2.77' (ered today: pe recovered: FFL: BING DETAIL tbg (5222.49') @ 5234.49' KB)	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6	Starting of Oil lost/re Cum oil renoke: D DETAI Polish rods ' X 3/4" p	pil rec to ecovered recovered L	date: I today: d: Fina 	A-NPC s	COS Plus WS # supervisio bl tanks X D&M H/9	Final of TS	il cut:	
Fluid Endir IFL: KB 170	TUB 12.00' 2 7/8 J-55 TA (2.77' (2.7/8 J-55)	ered today: pe recovered:FFL:	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai	Starting of Oil lost/re Cum oil renoke: D DETAI Polish red ' X 3/4" paded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	oil cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' (2.78' J-55) SN (1.10'	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB)	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/9	Final o	oil cut:	
Fluid Endir IFL: KB 170	12.00' 2 7/8 J-55 TA (2.77' (2.7/8 J-55) SN (1.10' 2.7/8 J-55)	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00')	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil renoke: D DETAI Polish red ' X 3/4" paded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	oil cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' 6) 2 7/8 J-55 SN (1.10' 2 7/8 J-55	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20'	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	il cut:	
KB 170	12.00' 2 7/8 J-55 SN (1.10' 2 7/8 J-55 PBGA 5.2 2 7/8" Nipp	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20' ple 0.65'	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	oil cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' (2.78 J-55) SN (1.10' 2 7/8 J-55 PBGA 5.2 2 7/8" Nipp 2 7/8 J-55	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20'	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	il cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' (2 7/8 J-55) SN (1.10' 2 7/8 J-55) PBGA 5.2 2 7/8" Nipp 2 7/8 J-55 BP 0.69'	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20' ple 0.65' tbg (92.80')	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	oil cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' (2 7/8 J-55) SN (1.10' 2 7/8 J-55) PBGA 5.2 2 7/8" Nipp 2 7/8 J-55 BP 0.69'	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20' ple 0.65'	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/G wa truckin	Final o	il cut:	
KB 170	12.00' 2 7/8 J-55 TA (2.77' (2 7/8 J-55) SN (1.10' 2 7/8 J-55) PBGA 5.2 2 7/8" Nipp 2 7/8 J-55 BP 0.69'	ered today: pe recovered: FFL: SING DETAIL tbg (5222.49') @ 5234.49' KB) tbg (61.20') @ 5298.46' KB) tbg (31.00') 20' ple 0.65' tbg (92.80')	0 170 170 FTP:	Cr ROI 2" X 26' ,1-4',1-6 - 3/4" guid 3/4" plai 3/4" guid 2" X 1 1	Starting of Oil lost/re Cum oil roke: D DETAL Polish rods In rods ded rods ded rods	bil rec to ecovered ecovered L od	date: I today: d: Fina 	A-NPC s Dalbo 400b	COS Plus WS # supervisio bl tanks X D&M H/0 wa truckin water truc	Final o	oil cut:	



<u>WELL</u>	NAME:	Fede	eral 7-24-9	-17		Repo	rt Date:	5	5/28/09	_		Day:1
Ор	eration:	(Cement R	epair			•		Rig:	A-	Plus WS#	^{‡5}
					WE	LL STAT	ับร					
Surf Csg:	8 5/8' @	332	,		Prod C		1/2"	@	5590'		Csg PBTD:	
Tbg:	Size: 2 7	/8"	Wt: 6.	.5#	Grd:	J-55	Pkr/EC	OT @:	5429.81'	<u>BP</u> /S	and PBTD:	5548'
				P	ERFO	RATION	RECORE)				
<u>Zone</u>		<u>Perfs</u>		SPF/#s			Zor			<u>Perfs</u>		SPF/#sho
A1 sds		4716'		4/40			CP5 s			-5442'		4/24
A3 sds		4732'		4/32			CP5 s	ds	<u>5470</u>	-5476'		4/24
LODC CP.5 sds		·4818' ·5104'		4/56 4/32					······			
CP.5 sus		·5188'		4/32							······································	
					NOLO	GICAL C	PERATI	ONS				
Date Wo	rk Performed	:	5/27/0			<u> </u>			SITP:	40	SICP:	40 psi
	OOH w/ and L											
Fluid lost	luid load to be recovered toduid to be recov	ay:	red:0	<u>FL</u> 0	s	ECOVER starting oi oil lost/rec	rec to da	ate:				
IFL:	FFL:		FTP:	,	Cho	oke:		Final	Fluid Rate:		Final	oil cut:
	TUBING DE	ETAIL.			ROD	DETAIL					<u>OSTS</u>	
					\					-Plus W		
KB 12.0				***************************************		Polish rod				supervi		
PANALATINA	/8 J-55 tbg (52					X 3/4" po	ny rods		Dalbo 400k			
TA	(2.77' @ 5234	1.49' KB	<u>) </u>	100- 3/	4" guid	ed rods				te RU t		
	/8 J-55 tbg (61			87- 3/4	4" plain	rods			Mt We	st sanita	ation	
SN	(1.10' @ 5298	3.46' KB	3)	20- 3/4	4" guid	ed rods				·		
1 27/	/8 J-55 tbg (31	1.00')		2 1/2"	X 1 1/2	2" X 18'						
PBO	GA 5.20'			"CDI"	<u> </u>							
27/	/8" Nipple 0.	65'							·			
3 27/	/8 J-55 tbg (92	2.80')										L
BP	0.69'											
EO	T @ 5429.81'	KB										
			-								***************************************	
									DAILY	_		
Wor	kover Superv	/isor:	Scott S	imonto	n				TOTAL W	ELL CC)ST:	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES	FORM 9	
	5.LEASE DESIGNATION AND SERIAL NUMBE UTU-84233			
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen gged wells, or to drill horizontal laterals. L		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 7-24-9-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	PANY		9. API NUMBER: 43047392610000	
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000	, Denver, CO, 80202 303	PHONE NUMBER: 382-4443 Ext	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1984 FNL 1881 FEL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 24	P, RANGE, MERIDIAN: Township: 09.0S Range: 17.0E Meridian:	S	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
11/15/2009	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
AS DESCRIPT PROPOSED OF SO	MPLETED OPERATIONS. Clearly show all per			
Operator propose identified to have pa B1-4549 sands by po to the attached reco	es to recomplete the subject way behind pipe. We plan on operforating and then hydraulication procedure. Please completion procedure. Please completion procedure. Questions.	vell. This well has been ening the D2, B.5-4525 & ally fracturing them. Referontact Newfield Engineer D3-383-4117 for procedur	Accepted by the Utah Division of Oil, Gas and Mining	
NAME (PLEASE PRINT) Susan Linder	PHONE NUMBER 303 382-4443	TITLE Operations Tech		
SIGNATURE N/A		DATE 10/22/2009		

Newfield Production Company

south pleasant valley 7-24-9-17

Procedure for: OAP of B1& B0.5, ad D2 (down casing fracs)

Well Status: See attached Wellbore Diagram

AFE#

Engineer: Paul Weddle pweddle@newfield.com

mobile 720-233-1280 office 303-383-4117

PROCEDURE

Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer

- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- 5,548
- 3 RIH with WL set CBP. Set CBP @ ~4605'.
- 4 Pressure test casing to 4500psi for 10 minutes.

Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

B1 4340-4342 3spf 120deg phasing **B 0.5** 4348-4350 3spf 120deg phasing

- 5 POOH with perf gun. Be prepared to spot acid
- RU frac equip and 5K Stinger frac head. Frac the **B1 & B0.5** down casing w/15,000# 20/40sand at **15**BPM with max sand concentration of **6** ppg per BJ recommendation. DO NOT FLOW BACK.
- 7 RIH, set plug and perforate perforate the following interval w/ 3SPF 120deg phasing:

PLUG	4410	composite frac plug					
D2	4340-4342	3spf	120deg phasing				
D2	4348-4350	3spf	120deg phasing				
D2	4355-4358	3spf	120deg phasing				

- 8 POOH with perf gun. RD Wireline Truck only after perfs broken down. Be prepared to spot acid
- Frac the **D2** down casing w/35,000# 20/40sand at **25** BPM with max sand concentration of **8** ppg per BJ recommendation.
- 10 Flowback well immediately @ 3-4 BPM until dead.
- 11 PU TBG & TIH w/ 4-3/4" bit, drill out composite plugs. TIH to PBTD.
- 12 TOOH and LD Bit
- Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 14 Place SN @ ± 5298 and set TAC at ±5234' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 15 PU and RIH with a 2-1/2" x 1-1/2" x 18' CDI pump, 20 x 3/4" guided rods, 87 x 3/4" plain rods, 100 x 3/4" guided rods, Space out with 1-2', 1-4', 1-6', x 3/4" pony rods.
- 16 PWOP and track results for one month.

Spud Date: 6/2/08 Put on Production: 7/12/08 GL: 5185' KB: 5197'

FEDERAL 7-24-9-17

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

